New Jersey's Water Bank Financing Program

Final Clean Water Intended Use Plan for Federal Fiscal Year 2020 (and State Fiscal Year 2021)

New Jersey Department of Environmental Protection
Water Resource Management
Division of Water Quality
Municipal Finance and Construction Element

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Final Clean Water Intended Use Plan for Federal Fiscal Year 2020 (and State Fiscal Year 2021)

The Clean Water Intended Use Plan (IUP) document must be developed annually, undergo a public comment period and be approved by the US Environmental Protection Agency (USEPA) for the State to qualify for State Revolving Fund (SRF) capitalization grants to support the New Jersey Water Bank. This IUP provides information on how funds, available through the Water Bank, will be used to provide financial assistance for clean water projects and identifies State policies governing loan awards.

For SFY21, the Clean Water IUP maintains the changes made in SFY20 to the NJ Department of Environmental Protection ("Department" or "NJDEP") and NJ Infrastructure Bank (I-Bank) loan shares for every project category eligible for clean water funds.

In addition, the Department plans to utilize any unallocated principal forgiveness funds carried over at the end of SFY20 as principal forgiveness in SFY21. All unallocated principal forgiveness funds, except for Small System Asset Management Plan (SS AMP) principal forgiveness, will be used in SFY21 in the CSO Sewershed – Grey and Green Infrastructure project category. Any unallocated principal forgiveness funds carried over in the SS AMP project category will continue to be used for that category in SFY21.

The Department will supplement the above principal forgiveness funds with approximately $25M projected to be available under the FFY20 CWSRF grant from USEPA. In SFY21, $15M of the new principal forgiveness funds will be used for CSO Sewershed – Grey and Green Infrastructure projects and $10M will be allocated to a new category - Water Quality Restoration projects.

Executive Summary

Protecting and enhancing New Jersey's water quality and water infrastructure is vital to the State's health and economy. While often taken for granted, significant planning and investment is required to sustain and improve New Jersey's aging infrastructure systems. That cost often exceeds the capabilities of local sewer utilities. New Jersey's Water Bank is a permanent low-cost financing program available for an extensive range of water quality infrastructure projects. The Department administers New Jersey's Clean Water SRF (CWSRF) and Drinking Water SRF (DWSRF) under the federal Clean Water Act and Safe Drinking Water Act, respectively.

> "NJ Water Bank is a partnership...to provide low-cost financing for the design, construction, and implementation of projects that help to protect, maintain and improve water quality."

Established in 1988, the Water Bank is a partnership between the NJDEP and the I-Bank to provide low-cost financing for the design, construction, and implementation of projects that help to protect, maintain and improve water quality. It is a revolving/self-perpetuating loan program, in that SRF loan repayments are committed to finance future projects in perpetuity.

The priorities and policies of the Department are established through this IUP. Clean Water projects eligible for financing include a wide variety of wastewater treatment works, stormwater management, land acquisition, and landfill activities. In SFY21, the Program will continue to offer very attractive low-cost financing packages, including principal forgiveness (or grant-like funding) and low interest loans for high priority projects. For SFY21, the Water Bank CWSRF base program will consist of 50% funding from the I-Bank at market rate and 50% funding from the DEP at 0% interest with opportunities for principal

forgiveness. Prior to long-term funding, projects are encouraged to seek a short-term loan from the I-Bank for activities from planning through construction completion.

WHAT'S NEW IN 2020!

The Department will set aside approximately $10M in principal forgiveness for projects throughout the state that will eliminate, prevent or reduce documented occurrences of shellfish bed downgrades, beach closings and advisories due to the presence of harmful algal blooms (HABs). If there is insufficient demand from eligible HAB projects, unallocated funds may be used for projects that address shellfish bed downgrades, beach closings and advisories due to the presence of pathogens.

The Department has also revised the Program's Affordability Criteria to better identify applicants that would have difficulty financing projects without additional subsidization.

SFY21 FUNDING PACKAGES (LONG-TERM LOANS)

Clean Water Categories	DEP Interest Free Share	I-Bank Market Rate Share
CSO Sewershed – Grey and Green Infrastructure and Water Quality Restoration Projects*	75%	25%
All Other Water Quality Projects (Base CWSRF)	50%	50%
Brownfield Redevelopment (Conduit Projects)	25%	75%

*Costs in excess of $10 million for CSO Abatement and Water Quality Restoration Projects will be financed under the Base CWSRF package.

SFY21 PRINCIPAL FORGIVENESS (PF) OPPORTUNITIES

Clean Water PF	Principal Forgiveness Share	Principal Forgiveness Cap	Projected Amount of PF Available
Small System Asset Management Plan Development	100%	$100,000	$.5M
Water Quality Restoration	50%	$2M	$10M
Coastal Community Water Quality Restoration	50%	$2.5M	$2.5M*
CSO Sewershed – Grey and Green Infrastructure	50%	$2M	$25M**

*$2.5M in PF has been committed towards Cumberland County Improvement Authority.

**$2.5M in CSO-Abatement PF funds are set aside for CSO Green Infrastructure projects.

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Program Goals

Short-term: Provide funding to needed, construction ready, highly-ranked water quality improvement projects.

Long-term:

- Provide capital for water and wastewater infrastructure renewal to protect public health and the environment for multiple generations of New Jersey citizens;
- Continue serving as the Garden State's premier source of environmental infrastructure financing through self-sustaining, efficient and transparent programs;
- Establish and efficiently manage a permanent source of funding for clean water and drinking water infrastructure projects;
- Provide project financing at a much lower cost than program participants could achieve individually thereby passing substantial savings on to New Jersey taxpayers and rate payers; and
- Increase access to capital markets for those participants that find it difficult or expensive on their own, due to lower credit ratings or a lack of familiarity with debt financing.

Passaic Valley Sewerage Commission Interceptor Slip Lining

Borrower Eligibility

The following project sponsors are eligible to receive Water Bank financing provided they satisfy the I-Bank and/or State of New Jersey's creditworthiness standards:

Clean Water Borrowers

Owners of publicly-owned treatment works (towns, boroughs, municipal utilities authorities, counties, regional water authorities, other local government units, etc.) with projects that help protect, maintain or improve water quality are eligible for participation in the Water Bank. Private entities are eligible through public conduit borrowers. Project sponsor eligibility has also been expanded to private colleges and universities that are interested in sponsoring nonpoint source pollution projects.

Project Eligibility

Wastewater

Most projects associated with sewage collection, treatment, or disposal are eligible for financing, including correction of inflow/infiltration problems, sludge management and CSOs. Eligible projects include:

Bayonne MUA Wind Turbine for a Pump Station

- Secondary and advanced wastewater treatment
- Well Sealing, Water Meters (publicly sponsored)
- Flood resiliency
- Sludge handling facilities
- Infiltration and inflow (I/I) correction
- Interceptors, pumping stations and force mains
- Sewer system rehabilitation
- New collection systems
- Correction of CSOs
- Solutions for malfunctioning septic systems
- Wastewater reuse and conservation projects
- Emergency Repair Projects to replace, in kind, the failure of an essential portion of a wastewater system that will disrupt service for a minimum of 24 hours total and/or poses a substantial threat to the public health, safety, and welfare.

For information regarding permitting, see:
NJPDES Additional Information (www.nj.gov/dep/dwq/njpdes.htm)
NJDEP Treatment Works Approval program (www.nj.gov/dep/dwq/forms_twa.htm)
NJDEP Land Use Program (www.nj.gov/dep/landuse)

Stormwater

Eligible projects include construction, expansion or replacement of stormwater management systems, including the following:

Old Bridge MUA Laurence Harbor Bulkhead and Walkway

- Non-point Source Pollution/Stormwater management
- Construction of regional basins
- Major stormwater system rehabilitation
- Replacement of existing storm drains
- Rehabilitation of tide gates
- Extension of outfall points
- Runoff control (manure/feedlots and stream bank stabilization/ restoration)
- Stream/lake embankment restoration
- Salt dome construction

For additional information, see:

NJDEP Stormwater Links (https://www.nj.gov/dep/dwq/fd.htm)

Green Infrastructure

Green projects are clean water projects that incorporate green infrastructure and water or energy efficiency improvements (those that reduce greenhouse gas emissions, for example). Green infrastructure includes such practices as replacing existing pavement with porous pavement, utilizing bioretention, renewable energy, constructing green roofs, creating rain gardens, and other practices that restore natural hydrology and treat stormwater runoff through infiltration into the subsoil, treatment by vegetation or soil, or stored for reuse.

Hoboken City Green Infrastructure

For additional information, see:
Green Infrastructure in New Jersey (www.nj.gov/dep/gi/index.html)
NJDEP Sustainability and Green Energy Guidance
(https://www.state.nj.us/dep/aqes/what-is-solar.html)

Brownfields Redevelopment

The cleanup of abandoned and contaminated industrial sites is eligible for financing if a local or county government assumes the repayment obligation for the loan. The Water Bank will finance the removal of contaminated soil, site-capping and the installation of stormwater controls.

Returning Brownfield sites to productive use protects and improves water quality and preserves open space. Every acre of Brownfield redevelopment spares 4.5 acres of pristine land from development. Brownfield redevelopment also boosts local tax revenue, creates jobs, revitalizes New Jersey's cities and towns, and improves the quality of life for area residents.

The Water Bank provides loans to municipalities, counties and public authorities to support a wide range of cleanup and remediation activities necessary to restore the Brownfield site for re-use.

For additional information, see:
NJDEP Site Remediation Links (www.nj.gov/dep/srp/)

Landfills

Landfills construction activities that have a water quality benefit are eligible for Water Bank financing. Examples include:

- New Landfills (Water quality/protection aspects)
- Capping systems
- Liners
- Leachate collection systems
- Treatment systems
- Sewer connections
- Barge shelters
- Containment booms
- Litter fences
- Gas collection and treatment systems
- Monitoring wells
- Reclamation or reduction activities

Camden County Phoenix Park

Land Preservation

The Water Bank provides financing for the preservation of open space and farmland given the water quality benefit achieved through such acquisitions. The Program funds preservation with regard to properties protecting stream headwaters and corridors, wetlands, and aquifer recharge areas. Financing for land is compatible with the Green Acres Program, the Garden State Preservation Trust, and Open Space programs financed by local and county Open Space taxes.

Although lands purchased through the Water Bank for preservation as part of Open Space cannot be developed, they may be used for passive recreational activities, such as hiking, fishing and horseback riding. Placement of conservation easements on funded parcels is a requirement, which assures that the water quality benefits are preserved in perpetuity.

The Water Bank will coordinate with the Green Acres Program, when appropriate, to maximize a community's limited open space funds for land acquisition. Through this partnership, municipalities can receive additional resources to facilitate the purchase of larger and/or more expensive parcels.

For additional information, see:
NJDEP Green Acres Program (www.nj.gov/dep/greenacres/)

Equipment

Equipment that provides a water quality benefit can be financed under the Water Bank, including but not limited to:

- Street sweepers
- Generators
- Sewer flushing and cleaning equipment
- Dump trucks
- Crawler loaders
- Skimmer boats
- Aquatic weed harvesters
- Outfall netting

Passaic Valley Sewerage Commission Electrical Substation

Security Monitoring

Projects designed to improve security at otherwise funding-eligible wastewater facilities are eligible, including but not limited to:

- Fencing
- Lighting
- Motion detectors
- Cameras
- Secure doors
- Alternative auxiliary power sources

North Wildwood Sewer, Storm and Street Restoration

Miscellaneous Allowable Costs

Additional costs that are eligible within a project include:

- Road repaving
- Utility relocation
- Site grading
- Purchasing land to utilize for stormwater management

Asset Management Plans and Long-Term CSO Control Plans:

Projects to develop and implement asset management plans (AMP), CSO long-term control plans, and water loss prevention plans are eligible for financing. The AMP loans must be rolled into a Water Bank capital improvement project or repaid in 3 years. CSO long term control plans can receive loans up to 10 years.

NJDEP Asset Management Program (www.nj.gov/dep/assetmanagement/)
NJDEP Asset Management Guidance and Best Practice
(www.nj.gov/dep/watersupply/pdf/guidance-amp.pdf)

Planning & Design Loans:

The Program also offers loans to cover the costs associated with planning and design of a water infrastructure project. These are short-term loans and currently being offered at 0% interest. Eligible costs include engineering fees, surveys, environmental or geological studies, and other costs related to project plan preparation. The loans must be rolled into a Water Bank capital improvement project or repaid in 3 years.

Principal Forgiveness Funds

The Department expects to use the maximum amount available for principal forgiveness utilizing SRF monies subject to federal restrictions. The Department may increase any amounts identified in the IUP reserved for PF and adjust any caps if additional SRF or non-SRF funds (including Natural Resource Damages (NRD) funds recovered by the State and Corporate Business Tax (CBT) diesel funds) are allocated to program to supplement principal forgiveness or low-cost loan funding. In addition, the Department may bank any non-SRF financing towards future State Match requirements subject to EPA approval.

Asset Management for Small Systems

The Water Bank will continue to offer 100% principal forgiveness to small wastewater systems (those that serve 10,000 or fewer people) to develop and implement asset management programs. DEP expects to make SRF or non-SRF funds available in the form of principal forgiveness through the Water Bank and cap the amount at $100,000 per applicant. A total of approximately $0.5 million in principal forgiveness funds is expected to be available for this purpose in SFY21. A capital improvement project is expected from the creation of the asset management program. Larger systems are eligible for short-term loans, currently being offered at 0% interest, for AMP development with a capital improvement project. The Department reserves the right to use these funds to hire a contractor to provide technical services to small communities for asset management.

Water Quality Restoration

The DEP is reserving funds and providing principal forgiveness loans for capital improvement projects and equipment purchases that will eliminate, prevent or reduce documented occurrences of shellfish bed downgrades, beach closings and advisories due to the presence of harmful algal blooms (HABs). Projects would eliminate such potential sources as failing on-site wastewater systems, cross-connections between storm sewers and sanitary sewers. Eligible projects also include the expansion or replacement of stormwater management systems as well as the purchase of skimmer boats, aquatic weed harvesters and equipment to maintain stormwater management facilities. There is a $2 million cap of principal forgiveness per applicant in SFY21. Projects are eligible for up to 50% principal forgiveness, 25% DEP interest free and 25% I-Bank market rate financing for the first $4 million of allowable project costs. Department funding at 75% with an interest free loan mixed with I-Bank funding at market rate will be provided for costs for project costs between $4 million and $10

million. Costs above $10 million will be financed through the base CWSRF rate. A total of $10 million in principal forgiveness funds will be reserved for Water Quality Restoration projects in SFY21. Priority for principal forgiveness funds will be given to eligible projects that address HABs (HAB Projects). Principal forgiveness funds will be allocated to HAB projects on a readiness to proceed basis. If there is insufficient demand from eligible HAB projects, unallocated principal forgiveness funds may be used for projects that address shellfish bed downgrades, beach closings and advisories due to the presence of pathogens.

Coastal Community Water Quality Restoration

$2.5 million in principal forgiveness has been committed towards Cumberland County Improvement Authority to resolve failing septic systems and prevent shellfish bed closures in Downe Township, limited to Fortescue and Gandys Beach. To the extent those committed funds are not obligated in SFY20, they will be made available to this project for obligation in SFY21. A total of $5 million in principal forgiveness funds was reserved last year. Any principal forgiveness funds that remain uncommitted or unobligated at the end of SFY20, will be made available under the terms of the CSO Sewershed – Grey and Green Infrastructure category in SFY21.

CSO Sewershed – Grey and Green Infrastructure

The DEP is reserving funds and providing principal forgiveness loans for CSO abatement projects utilizing grey and/or green practices (such as green roofs, rain gardens, porous pavement, and other activities that maintain and restore natural hydrology by treating stormwater runoff through infiltration into the subsoil, treatment by vegetation or soil, or stored for reuse). There is a $2.0 million cap of principal forgiveness per applicant in SFY21. Projects are eligible for up to 50% principal forgiveness, 25% DEP interest free and 25% I-Bank market rate financing for the first $4 million of allowable project costs. Department funding at 75% with an interest free loan mixed with I-Bank funding at market rate will be provided for costs for project costs between $4 million and $10 million. Costs above $10 million will be financed through the base CWSRF rate. A total of approximately $25 million in principal forgiveness funds is anticipated to be available to provide principal forgiveness loans for CSO Grey and/or Green Infrastructure in SFY21 of which $2.5M will be reserved exclusively for Green Infrastructure. If there is insufficient demand from eligible projects to utilize the principal forgiveness for green infrastructure in SFY21, unallocated funds may be used for grey infrastructure.

Sandy Relief

Sandy Relief funds remain available for clean water facilities that were damaged by Superstorm Sandy and are constructing repairs or resiliency to prevent future damage to a treatment facility or water system from a similar event. Resiliency projects include elevating critical infrastructure, flood walls, backup power sources and more. Sandy Relief funds were made available in a one-time installment and offered while funds remain. As such, the Water Bank will continue to accept submittals under the Sandy Relief program, which includes a principal forgiveness component of approximately 19% of the allowable costs. If all of the Sandy Relief funds are awarded in SFY20, new submittals will be eligible under the Base SRF loan structure.

Financing Options

At the time a project is at or near construction completion, long-term financing will be issued. The Water Bank offers the following low interest financing options for eligible projects in SFY21.

CSO Abatement Projects

When the PF funds allocated to CSO projects in SFY21 are no longer available, the CWSRF funding package for CSO abatement projects consists of 75% DEP interest-free and 25% I-Bank market rate financing for the first $10 million in allowable costs. Costs in excess of $10 million will be financed under the Base CWSRF financing package below.

Base CWSRF

The Base CWSRF funding package for SFY21 consists of 50% DEP interest-free and 50% I-Bank market rate financing for the allowable project costs.

Brownfield Redevelopment (Public Private Partnership)

Brownfield redevelopment by private entities is eligible for a funding package of 25% DEP and 75% I-Bank financing. Private entities must have a public conduit that will sponsor the project.

Pinelands Infrastructure Trust Financing Program

The Water Bank expects to make loans to eligible clean water projects identified in the Pinelands Infrastructure Trust Fund Infrastructure Master Plan in SFY21. These loans will help local governments and utility authorities defray the costs associated with supporting the population and economic growth targeted to Pinelands Regional Growth Areas. Approximately $15.9 million will be available from the Pinelands Infrastructure Fund for qualifying clean water, drinking water and transportation projects. Project financing will generally consist of 50% loan, 40% grant, and 10% local match. In cases where a hardship has been identified, the local match may be waived, and the award will be allocated as 50% loan and 50% grant. The Department is planning to capture any eligible clean water projects and utilize State Bond funds from the Pinelands Program as credit towards the State Match requirement or future State Match requirements.

SAIL Program

The Statewide Assistance Infrastructure Loan (SAIL) program is a disaster relief loan program designed for project sponsors that anticipate receiving FEMA or other federal disaster relief grants. The SAIL program's goal is to provide timely and cost-effective funds, in advance of federal reimbursements, in order to expedite and support the impacted communities' recovery and rebuilding of environmental infrastructure. SAIL finances projects within a declared disaster area to rebuild water systems directly impacted by a declared disaster as well as costs associated with improving the resiliency of Clean Water and Drinking Water systems, regardless of direct disaster impact.

Short-Term (ST) Loans

All CW projects are encouraged to secure short-term loans at the time of execution of an engineering design contract for the entirety of the project (planning, design, and construction). Funding will be committed upon certification of each operable segment and satisfaction of the program's credit worthiness standards. Such loans are variable rate loans, currently at 0% interest, for terms of up to 5 full fiscal years.

NOTEWORTHY PROGRAM FEATURES

Application

All applications are submitted on the H2LOans website (https://www.h2loans.com/home). To create an H2LOans account, the project sponsor's authorized official will need to call the I-Bank at 609-219-8601 for security reasons. The authorized official can then designate a project manager (authorized representative)

to submit required information. Application deadlines have been removed and rolling applications are being accepted any time of the year.

H2LOans Tutorial Video (https://www.youtube.com/watch?v=UgDDV_SyqL0)

Loan Awards

Loan awards for new projects will be made in SFY21 in accordance with N.J.A.C. 7:22-3, 4, 5, and 9 (http://www.nj.gov/dep/dwq/722.htm). The loan term will generally be 30 years and in some project circumstances, the Water Bank may consider loan terms of up to 45 years. In either case, the loan term cannot exceed the useful life of the project.

Local government units are required to meet the technical, administrative, and environmental provisions of the rules of DEP and the I-Bank (N.J.A.C. 7:22-3, 4, 5, 8, 9, and 10 http://www.nj.gov/dep/dwq/722.htm). Disbursement and loan repayment provisions must be consistent with the rules.

Pre-award Approvals/Emergency Projects

Eligible projects can qualify to receive pre-award approvals if the requirements of the rules (N.J.A.C. 7:22-3.32 and 4.32 http://www.nj.gov/dep/dwq/722.htm) are met and if executed contracts to implement the project have been received by DEP.

DEP & I-Bank Fee

In accordance with the USEPA Policy on Fees Charged on Assistance Provided Under the SRF Programs, states must disclose information regarding the assessment and use of any fees associated with SRF activities that are passed on to the program participants. In New Jersey, DEP reserves 0.5% of the CWSRF loan portfolio to cover a portion of the administrative costs of the program. In addition, the annual legislation for the SFY 2006 Program established a "Department Loan Origination Fund" that is administered by the I-Bank. DEP now has a stable fixed fee of 2% of the participant's loan amount. No SRF funding is involved in DEP's loan origination fee. DEP's loan origination fee is not included in the principal amount of the CWSRF loan and is accounted for separately.

The I-Bank's loan is issued at the same market interest rate as the I-Bank obtains from the sale of its bonds. Rather than bonding for the eligible closing costs associated with each financing, the I-Bank charges the borrowers a one-time charge of 0.1% of the principal I-Bank loan amount to partially cover the costs associated with that particular series' bond issuance expenses. These costs include such activities as: bond counsel, financial advisor, rating agencies, printing and publishing of the Notice of Sale, the Preliminary Official Statement, the Official Statement, and other costs related to the I-Bank's bond sale. In addition, the I-Bank charges an annual administrative fee of 0.3% of the I-Bank's bond principal loan amount to cover the balance of the closing cost and the annual operating expenses associated with the operations of the I-Bank and the on-going costs associated with the loan servicer and Trustees. The I-Bank's annual administrative fee is not included in the principal amount of the loan and is held in an account outside of the SRF. The I-Bank is evaluating its existing fee structure and considering a return to an annual administrative fee equal to 0.30% on 50% of a borrower's total loan amount. Any changes to the I-Bank's fee annual structure are subject to all applicable approvals and publication in the SFY 2021 Financial Plan in May of 2020.

Sources and Use of Funds

The Table below represents estimated amounts available from prior program years and anticipated uses for the SFY20 and SFY21 Water Bank Financing Program:

SFY 2020 Financing Program

Anticipated Sources:	
Funds Available from prior years	$474 M
Repayments from prior years' loans	$112 M
FFY 2019 CWSRF Grant	$ 60 M
State Match for FFY 2019 CWSRF Grant	$ 12 M
Subtotal	$658 M
Anticipated I-Bank Share	$233 M
Total Program Sources:	**$891 M**
Anticipated Uses:	
Projects to be Financed in SFY20 Program	$466 M
Transfer from CWSRF to DWSRF in SFY20	$ 6 M
Total Program Uses:	**$472 M**

SFY 2021 Financing Program

Anticipated Sources:	
Funds Available from prior years	$419 M
Repayments from prior years' loans	$112 M
FFY 2020 CWSRF Grant	$ 60 M
State Match for FFY 2020 CWSRF Grant	$ 12 M
Subtotal	$603 M
Anticipated I-Bank Share	$200 M
Total Program Sources:	**$803 M**
Anticipated Uses:	
Projects to be Financed in the SFY 2021 Program	$400 M
CWSRF to DWSRF Transfer (33% of DWSRF Cap Grant)	$ 6 M
CWSRF to DWSRF Transfer (Water Infrastructure Funding Transfer Act)	$110 M
Total Program Uses	**$516 M**

Financial Relationships between the CWSRF and the DWSRF

The federal Safe Drinking Water Act Amendments of 1996 offer states the flexibility to meet the funding needs for drinking water and wastewater facilities by transferring funds from one SRF program to the other. Annually, an amount up to 33% of the Drinking Water SRF Capitalization Grant may be transferred from the CWSRF program to the DWSRF program, or vice versa. The USEPA has issued guidance that would

allow utilization of transfer credits and transfer of funds on a net basis (i.e., funds could be moved in both directions), provided that the final transferred amount does not exceed the authorized ceiling. Additionally, The Water Infrastructure Funding Transfer Act allows the State to transfer up to 5% of the cumulative clean water revolving fund to the drinking water revolving fund to provide additional subsidy to eligible recipients for projects that abate exposure to lead in drinking water. This is anticipated to equate to approximately $110M in additional funding for drinking water.

The SRF program evaluates funds available to determine if adequate monies are available to be used for clean water projects in the current fiscal year. In addition, the type and number of DWSRF projects are reviewed and a determination is made on the need of the funds to be transferred from the CWSRF accounts to the DWSRF accounts or vice-versa. DEP reserves the right to transfer funds from the CWSRF to the DWSRF (or vice-versa) each fiscal year to the extent allowed by law, including Sandy SRF funds.

While all projects that meet the program requirements and are ready to proceed have been able to receive a CWSRF loan in the past, the ability of the program to continue to finance all qualifying projects in the future is uncertain because of a steady increase in program demand over the last several years. As such, if the Department determines that there is a shortage of available funds, the Department will utilize the remaining funds for high priority projects in accordance with the existing ranking methodology.

In addition to the potential transfer of funds between the CWSRF and DWSRF, DEP is continuing its policy to cross-collateralize the DWSRF with the CWSRF. This feature results in significant savings to project sponsors. This benefits the drinking water project sponsors since there is a large source of revenue available via the CWSRF repayments to cover possible loan defaults. Under the EPA-approved procedures associated with cross-collateralization, a temporary transfer of funds between the two SRFs may occur if necessary, to cover the default of a loan repayment or other financial obligation. DEP and the I-Bank would take steps to collect any obligations resulting from a loan default and reimburse the appropriate drinking water or clean water account.

Additional SRF Provisions:

Programmatic requirements are listed below. It is anticipated that these provisions will be maintained in a subsequent federal reauthorization act or federal policy. If substantial changes in the Act necessitate DEP's revision of the FFY 2020 document, additional public participation efforts will be conducted.

1. The schedule of state capitalization grant payments, jointly agreed upon by the administrator of the EPA and each state, is based upon the state's IUP.
2. States are required to deposit in the SRF, from state monies, an amount equal to at least 20% of the total amount of all capitalization grants made to the state.
3. Monies in the SRF may be used to provide loans at or below market interest rate, for terms not greater than 30 (or 45) years or the useful life, whichever is less. Repayments must begin no later than one year after completion of the project and must be credited to the SRF (principal and interest). The recipient of a loan must establish a dedicated source of repayments.
4. The Department may, based on the availability of funds, establish a deminimus reserve (up to $5 million) utilizing CWSRF funds to support CSO and/or stormwater management activities associated with a co-funded transportation project financed through the I-Bank.
5. The Department also administers the Pinelands Infrastructure Trust Financing Program and the Department is planning to capture any eligible clean water projects and utilize State Bond funds from the Pinelands Program as credit towards the State Match requirement or future State Match requirements.

6. The Water Bank is investigating opportunities to create a linked deposit program to finance individual septic system (on-site disposal system) repairs, rehabilitation or replacement. This program is in its early stages of development.

Response Document For The FFY2020 Priority System, Intended Use Plan and Project Priority List

The Clean Water Act and its amendments require the United States Environmental Protection Agency (USEPA) and the states to provide for and encourage public participation in the development and implementation of the federally supported Clean Water State Revolving Fund (SRF) Program. In New Jersey, the SRF is a component of the Environmental Infrastructure Financing Program (EIFP) that provides financing for a wide variety of water supply, wastewater, stormwater and nonpoint source pollution control projects. The requirements for public participation activities also apply to the development and/or major revision(s) of the State's Priority System, Intended Use Plan and Project Priority List.

This response document addresses the comments received during the public participation process for the FFY2020 Proposed Priority System, Intended Use Plan and Project Priority List issued in December 2019. On December 12, 2019 the New Jersey Department of Environmental Protection (Department) issued a notice regarding the availability of the FFY2020 Proposal document to potential applicants and other interested parties to seek public input. On January 7, 2020, the Department held the public hearing at the offices of the New Jersey Infrastructure Bank located in Lawrence Township, New Jersey. In addition to Department and I-Bank staff, six (6) individuals from outside the Department attended the hearing, but no one commented on the Clean Water proposal. Transcripts of the January 7th hearing are available from the transcription services (Guy J. Renzi & Associates of Trenton, NJ) to any interested person or organization upon request. In addition, copies of the transcripts may be reviewed at the Department's Municipal Finance and Construction Element offices in Trenton. No written comments were received prior to the January 10, 2020 close of comment period.

Based on the Department's review of the proposed document, two minor changes were incorporated into the final document:

> Two (2) long standing priority system ranking categories for Sustainable Community Planning Activities were inadvertently omitted from the proposed document. These categories, Watershed-Based Implementation Plans (50 points) and Implementation of Regional Stormwater Management Plans (50 points) are included in the final document.
>
> A section on Priority Growth Investment Areas, which was located at the end of the APPENDIX 1: CLEAN WATER PRIORITY SYSTEM RANKING METHODOLOGY in the proposed document, was moved to its own appendix - APPENDIX 2: PRIORITY GROWTH INVESTMENT AREAS. This formatting is consistent with documents issued prior to FFY 2017.

APPENDIX 1: CLEAN WATER PRIORITY SYSTEM RANKING METHODOLOGY

I. Project Priority List — General Information

Clean water projects must be listed on the Project Priority List in order to be considered eligible for financial assistance under the CWSRF. The Priority List identifies the estimated total eligible building costs under the appropriate project category. Except for certain project types, the figure under the "Total Eligible Project Cost" includes the estimated total eligible building costs, the related costs for construction services (i.e., administrative, legal, engineering, inspection, one-year start-up services, etc.), the actual or estimated planning and/or design costs, 3% for the recipient's administrative costs, and a 5% contingency cost. The figure under the "Total State Amount" column represents 100% of the estimated total eligible project costs.

DEP has established a rolling application process and will update and post the Priority List up to four times during a fiscal year. The Department expects to notify potential borrowers and other interested parties upon each posting of an amendment to the Priority List on the DEP and I-Bank websites.

II. Ranking Methodology

DEP ranks all projects on the basis of the total number of ranking points each project receives and places the projects on the Priority List according to their ranking. The ranking system gives highest priority to projects that address discharges of raw, diluted, or inadequately treated sewage to the state's waters during wet weather, including projects to abate CSOs and projects to address sanitary sewer systems that overflow. CSO abatement projects are expensive and are usually located in financially distressed urban areas, making cost a serious concern. Discharges from combined sewer systems and sanitary sewer overflows can impair water uses.

DEP's Priority List provides a strategic foundation for structural changes and includes objectives to implement projects that will help to protect, maintain and improve water quality in and around the Barnegat Bay, while also determining the best long-term approach for restoring the ecological health of Barnegat Bay. To support these efforts to improve the water quality of the Bay, the project ranking methodology for the FFY 2020 Financing Program provides an additional 300 priority points to nonpoint source and stormwater runoff control projects that are intended to benefit the Barnegat Bay. The additional 300 points will be assigned to wastewater reuse projects that are intended to offset the loss of freshwater flows caused by the regionalization of sewage treatment plants and the use of ocean outfalls.

A. Sustainable Community Planning Activities

The purpose of the provisions in this section is to encourage and facilitate implementation of environmentally sustainable practices at the local government level. Prudent environmental planning that incorporates sustainability measures is necessary to achieve cost-effective and environmentally sound water quality improvement within the watershed. Additional priority points will be awarded to projects located in or benefiting municipalities that have implemented programs and actions that go beyond compliance with existing regulatory requirements and incorporate the planning strategies discussed below.

Watershed-Based Implementation Plans: Watershed-Based Implementation Plans address impairment(s) found on Sublists 4 or 5 of the New Jersey Integrated Water Quality Monitoring and

Assessment Report. Prudent watershed planning is necessary to achieve cost-effective and environmentally sound water quality improvement within the watershed. To provide an incentive for project sponsors to complete watershed-based plans that promote the implementation of point and nonpoint source pollution control projects that are consistent with Department goals, projects located in or benefiting municipalities that demonstrate implementation of watershed-based plans will be given an additional 50 priority points.

Implementation of Regional Stormwater Management Plans: Regional stormwater management plans are voluntary local analyses that provide targeted protection to a specific area based on local issues and conditions. Regional stormwater management plans are adopted into Water Quality Management Plans and may include specific implementation projects that address existing impacts of stormwater runoff. Projects located in or benefiting municipalities with adopted regional stormwater management plans will be provided an additional 50 priority points.

Sustainable Community Planning: Sustainable communities develop and adopt master plans and ordinances that improve the overall quality of life for citizens of today as well as future generations by planning within natural resource capacity constraints and providing for a healthy economy, environment and society. Projects located in or benefiting municipalities where sustainable community strategies have been developed and master plans and/or ordinances adopted will be awarded an additional 100 priority points. These strategies/ordinances must include, but are not limited to, the following:

- A plan to reduce water consumption and increase water efficiency and re-use;
- Policies that require consideration of green design in municipal construction projects and redevelopment projects, such as green roofs, green streets, tree filters, rain gardens, rain barrels, porous pavements, etc.

Green design principles include green building practices that increase energy and water efficiency; use renewable energy; use environmentally friendly building materials that are made with recycled materials, are durable, sustainability harvested or produced locally; improve indoor air quality; and makes appropriate site selection and minimizes site disturbance to reduce environmental impacts.

B. Project Discharge Category Points

All projects receive ranking points based on the project discharge category. In case of multiple purpose proposals, projects qualify for the discharge category that represents the major scope of the project. If a project has aspects that can be described by more than one category, the project may be broken into separate projects. Tables IA and IB show the project discharge categories and their corresponding ranking points.

Table IA. Ranking Points Related to Project Discharge Category For Wastewater Treatment Facilities

Project Discharge Category	Description	Points
Combined Sewer Overflow (CSO) & Sanitary Sewer Overflow (SSO)	Combined sewer system (CSS) rehabilitation/repair, the construction of treatment and/or storage facilities within CSS, at discharge locations or at STPs that reduce or eliminate CSOs, or the separation of combined sewer systems by the consolidation and elimination or sealing of CSO discharge points. Projects that implement corrective	600

	measures to fix overloaded conveyance systems that experience chronic overflows.	
Sewage Treatment Plant (STP) Improvements	STP improvements include upgrades or other improvements to a treatment process or the elimination of an existing STP and the connection to an alternative treatment facility to meet applicable treatment levels and the purchase and installation of security and energy efficiency measures at the STP.	500
Sanitary Sewer System Rehabilitation	Wide variety of corrective measures to sanitary sewer collection and conveyance systems that do not experience chronic overflows, such as the rehabilitation, repair, or replacement of sanitary sewers, pump stations, interceptors, or the purchase of equipment to properly maintain the sanitary sewer system.	450
Sludge Treatment/Disposal Facilities	Projects involving the construction of facilities to manage sludge from STPs or from potable water treatment activities, such as the installation of dewatering equipment, the implementation of land application or composting activities or improvements or repairs to sludge incinerators.	350
Wastewater Reuse	The construction of facilities that promote the reclamation of water for beneficial reuse such as the use of treated effluent for agricultural or other purposes and/or construction of conveyance and distribution systems to allow for reuse activities.	300
Septic System Repair/Replacement	Projects that involve repairs, improvements, and/or replacement of individual or small community, on-site septic systems.	275
New Systems	The expansion of a STP's treatment capacity, and the construction of new facilities to provide collection, conveyance or treatment of sanitary sewage.	250

Projects that implement green infrastructure, water or energy efficiency improvements (including projects that are designed to reduce greenhouse gas emissions) will receive an additional 50 priority points if the green components represent a significant amount of the overall project activities.

Table IB. Ranking Points Related to Project Categories for Stormwater and Nonpoint Source Pollution Management Facilities		
Project Category	**Description**	**Points**
Stormwater Management and other NPS activities	The construction or rehabilitation of stormwater basins, sewer systems or storm drains, the extension of outfall pipes, green roofs, blue roofs, green streets, tree filters, rain gardens, rain barrels, porous pavement or the purchase of maintenance equipment (such as street sweepers, aquatic weed harvesters and skimmer boats). Projects that stabilize streambanks, restore lakes or	225

	address runoff from salt storage facilities and the implementation of measures to address pollution concerns from agricultural cropland activities and manure runoff management and feedlot operations.	
Landfill Closure, Open Space Land Acquisition and Conservation and Well Sealing	The implementation of measures to prevent and control pollutants from entering groundwater at non-operating landfill sites that are publicly owned and at abandoned well locations. Open space land acquisition and conservation projects that help to protect or maintain water quality.	150
Landfill Construction and Remedial Action Activities	The construction of facilities to collect, convey and/or treat leachate and runoff from new publicly-owned landfill cells or from publicly-owned contaminated sites.	75
Projects sponsored by Conduit Borrowers/ Private Activity	Environmental infrastructure projects where a developer, LLC, partnership or other private party is involved in the project; landfill closure measures and remedial action activities where the project site is privately owned. If a local government unit that sponsors a project on behalf of a private entity commits to providing a general obligation pledge (including its unlimited taxing power) or municipal guarantee as security for the DEP and I-Bank loans, the project is considered exempt from the conduit financing classification and corresponding funding limitations.	50

C. Water Use/Water Quality Points

Points are awarded based on the designated water uses of the receiving water as well as the existing water quality conditions in comparison to the ambient water quality standards. The assignment of points for "public nuisance" is given to on-site system projects where failures have been identified. Table II below shows the breakdown of the ranking points for water use; in general, the highest values are given for projects that discharge to water bodies with potable, recreational, and fishing uses.

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

Water Use		Basis/Description	Points
Public Potable Water Supply		Wastewater treatment plant discharges likely to have adverse impacts on an existing downstream potable surface water supply intake. Projects are evaluated based on relative distance between STP discharge and public potable water intake locations.	200
Recreation ("Primary Contact")		Waters with bathing areas monitored routinely as public beaches as well as the Delaware River upstream of Trenton (north of East Bridge Street at the Lower Trenton Bridge).	125
Fishing	Shellfish	State water bodies that are designated as shellfish growing waters by *N.J.A.C.* 7:12.	125
	Trout	State freshwater bodies designated for trout production or maintenance by the NJ Water Quality Standards (*N.J.A.C.* 7:9B).	75

	Non-trout	State freshwater classifications not designated trout production or maintenance by *N.J.A.C.* 7:9B (see Trout description above), including all Delaware River freshwater zones above mile-point 85 as defined by the Delaware River Basin Commission.	25
Public Nuisance		Indirect water use impacts; applies to areas with identified on-site wastewater treatment system failures.	50
Agriculture		Surface water for agricultural use, such as irrigation and farm ponds, based on Department diversion permit (permits required for >70 gal/min diversion).	25
Industry		Surface water known to be used for industrial use such as cooling.	25

Table III shows the points for not meeting or marginally meeting certain water quality parameters. The points reflect the impact the parameters have on meeting the state's goal to protect and enhance surface water resources, quality criteria, and designated water uses. The magnitude of the contribution that municipal sewerage facilities have on each of the conditions is reflected in the points awarded under these categories.

Nutrients reflect the presence of phosphorus/phosphates and nitrates/nitrites in a water body. Excessive nutrient levels in freshwater streams and lakes may result a decrease in water quality and an increase in treatment costs. Points are given for nutrients only if the surface waters involved significantly impact existing potable water reservoirs, surface water impoundments or lakes, public bathing areas, or shellfish growing waters. Since there are no nutrient standards for coastal and estuarine waters, no points were assigned for discharges to those water bodies.

Points for toxics address the relative magnitude of ammonia, metals, pesticides, and organic chemicals in the water body. Toxics were given lower points since in most cases the significant contributions of toxic substances come from industrial sources that are better controlled through pretreatment and are only incidentally abated by municipal treatment facilities. In the case of the toxicity of ammonia, municipal facilities are usually the main source, but the most significant impact is associated with streams designated for trout production/maintenance, which already receive a high number of points under the water use category.

Table III. Ranking Points Related to Water Quality

Water Quality		**Points for Water Quality that**		
		Meet	**Marginally Meet**	**Do Not Meet**
		The Water Quality Standard*		
Parameter	Dissolved Oxygen	0	50	100
	Fecal Coliform	0	50	100
Parameter	Nutrients	0	25	50
Category	Toxics	0	25	50

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

D. Smart Growth Approvals

DEP seeks to coordinate and enhance the efforts to encourage smart growth through the implementation of the State Development and Redevelopment Plan. DEP assigns ranking points to projects that serve municipalities that have been approved under the Center Designation or Plan Endorsement Process.

For a project serving more than one municipality, the points were included for ranking purposes if the designated center or the endorsed plan is a significant component of the overall project. For further information regarding the State Development and Redevelopment Plan, contact the Office of Planning Advocacy in the New Jersey Department of State at (609) 292-7156.

Table IV. Ranking Points Related to State Planning Commission Approvals

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

Projects located in or benefiting areas designated as Brownfield Development Areas, Transfer of Development Rights receiving areas or Transit Villages receive 10 points, so that these projects will rank higher than similar projects that are not located in, or provide benefit to, these smart growth areas.

E. Population Points

Projects are assigned points based on the population of the area served by the project. One point is given for every 1 million people living year-round in the project area. Thus, if projects have the same number of ranking points after having received all eligible points, population points become the tiebreaker, with higher priority given to the project serving the larger population.

APPENDIX 2: PRIORITY GROWTH INVESTMENT AREAS

Core criteria for a Priority Growth Investment Area includes being within one or more of the areas identified in Table 1 and within the regional planning entity areas described below.

Table 1: Growth Areas

1. Former State Plan Policy Map Metropolitan Planning Areas (PA 1) and Nodes
2. Unexpired Commission Approved Centers, Urban Complexes and other areas designated for development or redevelopment as the result of the Commission formally endorsing municipal or county plans
3. Municipally Designated Transfer of Development Rights "Receiving Areas"
4. Municipally Designated "Urban Enterprise Zones"
5. Opportunity Zones
6. Municipally Designated "Areas in Need of Redevelopment" or "Areas in Need of Rehabilitation"
7. Approved "Foreign Trade Zones"
8. Land within Higher Education Campuses suitable for development / redevelopment
9. NJDOT Certified Transit Villages
10. "Urban Transit Hubs" as defined by Economic Development Authority's Urban Transit Hub Tax Credit Program
11. Land owned by the New Jersey Sports and Exposition Authority
12. Commission approved requests for additional areas, for example, sites that have been historically utilized for large-scale commercial, research or industrial uses, that meet Commission requirements may be submitted for inclusion by a county with the support of relevant municipalities and, if relevant, the advice and consent of a regional planning entity. If a county declines to serve this role, requests will be accepted by a municipality or other appropriate entity.

Regional Planning Entities

As the Act requires, this Plan must treat land within the jurisdiction of a regional planning entity based on the adopted plans and regulations of that entity. As such, the following areas are recognized as Priority Growth Investment Areas:

New Jersey Sports and Exposition Authority (formerly Meadowlands Commission)

- Lands identified for development and/or redevelopment within the "Land Use Map and Map of the Meadowlands District Master Plan" and the "Hackensack Meadowlands District Official Zoning Map" as amended and supplemented

Pinelands Commission

- Lands identified by the Comprehensive Management Plan (CMP) as amended and supplemented as a "Regional Growth Area," a "Town" and developed sections of a "Military and Federal Installation Area"

Highlands Council

- Planning Area / Areas Not Conformed - Default to Table 1
- Planning Area / Areas in Conformance – Highlands Council Designated Centers and Redevelopment Areas

Fort Monmouth Economic Revitalization Planning Authority or its successor:

- Lands identified for development and/or redevelopment within the "Fort Monmouth Reuse and Redevelopment Plan" as amended and supplemented

APPENDIX 3: CLEAN WATER AFFORDABILITY CRITERIA

Section 603(i)(2) of WRRDA requires States to develop affordability criteria that will assist in identifying applicants that would have difficulty financing projects without additional subsidization. The law requires that states establish affordability criteria by September 30, 2015 after providing notice and an opportunity for public comment; which is being accomplished through this new feature of NJ's CW Intended Use Plan.

Section 603(i)(2)(A) of WRRDA requires that states base their criteria on:

- income;
- unemployment data;
- population trends; and
- other data determined relevant by the State.

In New Jersey, those applicants where the following income, unemployment data, and population trends exist, based upon the sources below for each factor, are considered to have satisfied the State's CWSRF affordability criteria:

- Median household income of $90,000 or less;
- County-wide unemployment of 5% or higher; and
- Population trend of 2% or lower.

Applicants that do not meet the specifications above do not meet the State's CWSRF Affordability Criteria.

WRRDA allows states to provide additional subsidization to eligible recipients for the following:

- To benefit a municipality that meets the State's affordability criteria as established under the FWPCA section 603(i)(2);10;
- To benefit a municipality that does not meet the State's affordability criteria but seeks additional subsidization to benefit individual ratepayers in the residential user rate class; or
- To implement a process, material, technique, or technology that addresses water or energy efficiency goals; mitigates stormwater runoff; or encourages sustainable project planning, design, and construction.

NOTE: MHI (2009-2013) and Population Trend Data (percent change - April 1, 2010 to July 1, 2014) is from https://www.census.gov/quickfacts/NJ . County Unemployment data is from https://www.nj.gov/labor/lpa/content/maps/laus_month.pdf .

APPENDIX 4: CLEAN WATER PROJECT PRIORITY LIST

Date Generated : March 25, 2020

STATE OF NEW JERSEY

FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
1	Musconetcong Sewerage Authority	S340384-09	-	$4,550,000	-	-	-	-	-	$4,550,000	$5,953,572	N/A
2	Oakland Borough	S340418-06	-	-	-	-	-	-	-	-	$300,000	T 210630
3	Camden County Municipal Utilities Authority	S340640-19	-	-	-	-	$8,000,000	-	-	$8,000,000	$10,690,000	T 210630
3	Camden County Municipal Utilities Authority	S340640-25	-	-	-	-	$11,500,000	-	-	$11,500,000	$14,300,000	T 210630
5	Camden County Municipal Utilities Authority	S340640-20	-	-	-	-	-	$5,000,000	-	$5,000,000	$6,500,000	T 210630
6	Camden County Municipal Utilities Authority	S340640-27	-	-	$2,875,530	-	-	$760,000	-	$3,635,530	$4,862,636	T 210630
7	Camden County Municipal Utilities Authority	S340640-24	-	-	-	-	$5,000,000	-	-	$5,000,000	$6,500,000	N/A
7	Camden County Municipal Utilities Authority	S345040-01	-	-	-	-	$874,697	-	-	$874,697	$1,049,636	T 210630
10	Rahway Valley Sewerage Authority	S340547-13	$7,750,000	-	-	-	-	-	-	$7,750,000	$10,104,841	BEYOND25
10	Rahway Valley Sewerage Authority	S340547-14	-	$7,250,000	-	-	-	-	-	$7,250,000	$9,460,275	N/A
10	Rahway Valley Sewerage Authority	S340547-16	-	$850,000	-	-	-	-	-	$850,000	$1,191,434	BEYOND25
13	Rahway Valley Sewerage Authority	S340547-15	-	$1,500,000	-	-	-	-	-	$1,500,000	$2,348,518	N/A
14	Camden County Municipal Utilities Authority	S340640-21	-	-	-	-	$25,000,000	-	-	$25,000,000	$32,500,000	T 210630
14	Camden County Municipal Utilities Authority	S340640-22	-	-	-	-	$10,000,000	-	-	$10,000,000	$13,000,000	N/A
14	Camden County Municipal Utilities Authority	S340640-23	-	-	-	-	$10,000,000	-	-	$10,000,000	$13,000,000	N/A
17	Raritan Borough	S340781-04	-	-	$250,000	-	-	-	-	$250,000	$360,245	BEYOND25
18	Mendham Borough	S340159-04	$1,600,000	-	-	-	-	-	-	$1,600,000	$2,030,000	T 210630
19	Newark City	S340815-25	-	-	-	-	-	-	$270,000	$270,000	$388,383	T 200630
19	Newark City	S340815-27	-	-	-	-	-	$2,727,882	-	$2,727,882	$3,273,457	T 210630
19	Newark City	S340815-28	-	-	-	-	-	-	-	-	$642,076	T 200630
22	Lower Township Municipal Utilities Authority	S340810-03	-	$2,333,000	-	-	-	-	-	$2,333,000	$3,135,057	BEYOND25
23	Oakland Borough	S340418-03	-	$7,000,000	-	$21,760,000	-	-	-	$28,760,000	$36,522,885	BEYOND25
24	Camden County Municipal Utilities Authority	S340640-16	$10,000,000	-	-	-	-	-	-	$10,000,000	$13,000,360	N/A
25	Camden County Municipal Utilities Authority	S340640-29	$10,000,000	-	-	-	-	-	-	$10,000,000	$12,200,000	T 210630
26	Sparta Township	S340495-03	$1,470,000	$637,000	-	-	-	-	-	$2,107,000	$2,853,484	BEYOND25
27	Warren Township Sewerage Authority	S340964-06	$3,500,000	-	-	-	-	-	-	$3,500,000	$4,450,000	T 210630
28	Newark City	S340815-24	-	-	$15,000,000	-	-	-	-	$15,000,000	$19,257,315	N/A
28	Newark City	S340815-26	-	-	-	-	$2,244,000	-	-	$2,244,000	$3,092,080	T 210630
31	Camden City	S340366-03	-	-	$7,949,000	-	-	-	-	$7,949,000	$10,361,096	BEYOND25
31	Camden City	S340366-06	-	-	-	-	$46,353,337	-	-	$46,353,337	$58,648,610	BEYOND25
31	Camden City	S340366-10	-	-	-	-	$500,000	-	-	$500,000	$708,917	BEYOND25
34	Camden City	S340366-07	-	-	$45,000,000	-	-	-	-	$45,000,000	$58,844,815	T 200630
34	Camden City	S340366-12	-	-	-	-	$1,500,000	-	-	$1,500,000	$2,120,000	T 210630
34	Camden City	S340366-13	-	-	-	-	$10,000,000	-	-	$10,000,000	$12,000,000	T 210630
34	Camden City	S340366-14	-	-	-	-	$7,000,000	-	-	$7,000,000	$9,370,000	T 210630
34	Camden City	S340366-15	-	-	-	-	$10,000,000	-	-	$10,000,000	$13,330,000	T 200630
39	Jersey City Municipal Utilities Authority	S340928-27	-	-	-	-	-	-	-	-	$39,412	T 210630
39	Jersey City Municipal Utilities Authority	S340928-37	-	-	-	-	-	-	-	-	$327,936	T 210630
41	Elizabeth City	S340942-19	-	-	-	-	$2,764,500	-	-	$2,764,500	$3,688,239	N/A
42	Middlesex County Utilities Authority	S340699-17	$11,440,000	-	-	-	-	-	-	$11,440,000	$13,938,000	T 210630
43	Camden County Municipal Utilities Authority	S340640-18	$40,000,000	-	-	-	-	-	-	$40,000,000	$50,664,200	N/A

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

STATE OF NEW JERSEY FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
44	Middlesex County Utilities Authority	S340699-03	$100,000,000	-	-	-	-	-	-	$100,000,000	$363,247,172	BEYOND25
45	North Bergen Municipal Utilities Authority	S340652-14	-	-	-	-	$12,212,500	-	-	$12,212,500	$16,657,750	N/A
46	North Bergen Municipal Utilities Authority	S340652-12	-	-	-	-	$2,500,000	-	-	$2,500,000	$3,340,073	BEYOND25
47	Hoboken City	S340635-08	-	-	-	-	$5,000,000	-	-	$5,000,000	$6,600,000	T 210630
48	Berkeley Heights Township	S340385-05	$1,443,400	-	-	-	-	-	-	$1,443,400	$1,973,289	BEYOND25
49	Hopatcong Borough	S340488-05	-	-	-	$13,400,000	-	-	-	$13,400,000	$17,222,998	BEYOND25
50	Paterson City	S340850-05	-	-	$50,000	-	$150,000	$1,350,000	-	$1,550,000	$1,935,000	T 210630
50	Paterson City	S340850-06	-	-	$173,000	-	$519,000	$1,038,000	-	$1,730,000	$2,161,100	T 210630
50	Paterson City	S340850-07	-	-	$171,000	-	$513,000	$1,026,000	-	$1,710,000	$2,137,200	T 210630
54	Pennsauken Township	S340349-03	-	-	-	-	$1,400,000	$2,600,000	-	$4,000,000	$5,308,104	BEYOND25
55	Hopatcong Borough	S340488-08	-	-	-	$500,000	-	-	-	$500,000	$600,000	T 210630
56	Jersey City Municipal Utilities Authority	S340928-42	-	-	-	-	-	-	-	-	$37,000,000	T 210630
57	Jersey City Municipal Utilities Authority	S340928-40	-	-	$2,750,000	-	-	-	-	$2,750,000	$3,512,000	T 210630
58	Jersey City Municipal Utilities Authority	S340928-15	-	-	$30,304,200	-	-	-	-	$30,304,200	$38,467,004	N/A
58	Jersey City Municipal Utilities Authority	S340928-16	-	-	$6,883,536	-	-	-	-	$6,883,536	$8,987,500	BEYOND25
58	Jersey City Municipal Utilities Authority	S340928-17	-	-	-	-	$1,000,000	-	-	$1,000,000	$1,396,910	BEYOND25
58	Jersey City Municipal Utilities Authority	S340928-18	-	-	-	-	$4,000,000	-	-	$4,000,000	$5,308,104	T 210630
58	Jersey City Municipal Utilities Authority	S340928-20	-	-	-	-	$4,805,900	-	-	$4,805,900	$6,361,818	N/A
58	Jersey City Municipal Utilities Authority	S340928-21	-	-	-	-	-	-	-	-	$622,571	T 200630
58	Jersey City Municipal Utilities Authority	S340928-23	-	-	$1,300,000	-	-	-	-	$1,300,000	$1,846,000	BEYOND25
58	Jersey City Municipal Utilities Authority	S340928-24	-	-	$12,000,000	-	-	-	-	$12,000,000	$16,167,000	T 200630
58	Jersey City Municipal Utilities Authority	S340928-28	-	-	-	-	-	-	-	-	$340,057	N/A
58	Jersey City Municipal Utilities Authority	S340928-29	-	-	$12,000,000	-	-	-	-	$12,000,000	$15,360,000	T 210630
58	Jersey City Municipal Utilities Authority	S340928-31	-	-	$8,280,000	-	-	-	-	$8,280,000	$11,059,600	N/A
58	Jersey City Municipal Utilities Authority	S340928-33	-	-	$6,196,076	-	-	-	-	$6,196,076	$7,435,291	T 210630
58	Jersey City Municipal Utilities Authority	S340928-34	-	-	$931,400	-	-	-	-	$931,400	$1,181,180	T 200630
58	Jersey City Municipal Utilities Authority	S340928-35	-	-	$5,980,000	-	-	-	-	$5,980,000	$7,774,166	T 210630
58	Jersey City Municipal Utilities Authority	S340928-36	-	-	$9,000,000	-	-	-	-	$9,000,000	$10,800,000	T 210630
58	Jersey City Municipal Utilities Authority	S340928-38	-	-	-	-	-	-	-	-	$334,872	T 210630
58	Jersey City Municipal Utilities Authority	S340928-39	-	-	$26,100,063	-	-	-	-	$26,100,063	$31,877,947	T 210630
58	Jersey City Municipal Utilities Authority	S340928-41	-	-	$3,494,454	-	-	-	-	$3,494,454	$4,278,193	T 210630
77	Jersey City Municipal Utilities Authority	S340928-03	-	-	-	-	$37,122,000	-	-	$37,122,000	$47,046,859	BEYOND25
77	Jersey City Municipal Utilities Authority	S340928-04	-	-	-	-	$1,790,000	-	-	$1,790,000	$2,437,780	BEYOND25
77	Jersey City Municipal Utilities Authority	S340928-07	-	-	-	-	$2,504,000	-	-	$2,504,000	$3,345,345	BEYOND25
80	Elizabeth City	S340942-13	-	-	-	-	$9,500,000	-	-	$9,500,000	$12,357,700	T 210630
80	Elizabeth City	S340942-17	-	-	-	-	$4,000,000	-	-	$4,000,000	$5,308,104	N/A
80	Elizabeth City	S340942-20	-	-	-	-	-	-	-	-	$10,047,725	T 210630
80	Elizabeth City	S345070-01	-	-	-	-	-	-	-	-	$4,000,000	N/A
85	Camden County Municipal Utilities Authority	S340640-13	$4,000,000	-	-	-	-	-	-	$4,000,000	$5,308,104	N/A
86	Bayonne City	S340399-31	-	-	-	-	-	-	-	-	$1,618,539	T 200630
87	Bayonne Municipal Utilities Authority	S340399-26	-	-	-	-	$4,100,000	-	-	$4,100,000	$5,439,141	BEYOND25
87	Bayonne Municipal Utilities Authority	S340399-27	-	-	-	$3,000,000	-	-	-	$3,000,000	$3,997,392	BEYOND25
89	Kearny Municipal Utilities Authority	S340259-06	-	-	-	$4,000,000	-	-	-	$4,000,000	$5,308,104	BEYOND25
89	Kearny Town	S340259-10	-	-	$2,666,000	-	-	-	-	$2,666,000	$3,558,698	BEYOND25
89	Kearny Town	S340259-11	-	-	-	-	-	$6,520,000	-	$6,520,000	$8,518,521	T 210630
92	Ridgefield Park Village	S340688-04	-	-	-	-	$13,000,000	-	-	$13,000,000	$16,713,680	BEYOND25

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

STATE OF NEW JERSEY FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
93	Ridgefield Park Village	S345230-01	-	-	-	-	-	-	-	-	$800,000	T 210630
94	Guttenberg Town	S340854-03	-	-	-	-	-	-	-	-	$3,240,000	T 210630
95	Guttenberg Town	S340854-02	-	-	-	-	$280,000	-	-	$280,000	$402,413	BEYOND25
96	Carneys Point Sewerage Authority	S340502-09	-	$1,107,871	-	-	-	-	-	$1,107,871	$1,497,445	T 210630
97	Medford Lakes Borough	S340463-06	-	$3,105,000	-	-	-	-	-	$3,105,000	$4,135,382	BEYOND25
98	Paterson City	S345210-01	-	-	-	-	-	-	-	-	$200,000	T 210630
99	Perth Amboy City	S340435-17	-	-	-	-	-	$3,490,000	-	$3,490,000	$4,418,400	T 210630
100	Long Branch Sewerage Authority	S340336-08	$1,350,000	-	-	-	-	-	-	$1,350,000	$1,740,700	N/A
101	Jefferson Township	S340747-05	-	-	-	$14,922,000	-	-	-	$14,922,000	$19,158,252	BEYOND25
102	Warren County	S340453-03	$595,000	$411,000	-	$911,000	-	-	-	$1,917,000	$2,607,692	BEYOND25
106	Ocean County Utilities Authority	S340372-61	$3,900,000	-	-	-	-	-	-	$3,900,000	$5,089,600	T 200630
106	Ocean County Utilities Authority	S340372-62	$2,950,000	-	-	-	-	-	-	$2,950,000	$3,949,600	T 200630
106	Ocean County Utilities Authority	S340372-63	$1,525,000	-	-	-	-	-	-	$1,525,000	$2,143,000	T 210630
109	Ocean County Utilities Authority	S340372-59	$5,275,000	-	-	-	-	-	-	$5,275,000	$6,956,586	N/A
114	Hudson County Improvement Authority	S340399-09	-	-	-	-	$10,846,000	-	-	$10,846,000	$14,038,507	BEYOND25
115	Two Rivers Water Reclamation Authority	S340117-07	$2,638,300	-	-	-	-	-	-	$2,638,300	$3,612,556	BEYOND25
116	Two Rivers Water Reclamation Authority	S340117-02	$5,928,999	-	-	-	-	-	-	$5,928,999	$7,760,140	BEYOND25
117	Two Rivers Water Reclamation Authority	S340117-08	$1,800,000	-	-	-	-	-	-	$1,800,000	$2,400,000	T 210630
119	Linden Roselle Sewer Authority	S340299-04	-	-	-	$4,199,000	$5,044,000	-	-	$9,243,000	$12,027,071	BEYOND25
120	Hoboken City	S340635-06	-	-	-	-	$20,000,000	-	-	$20,000,000	$25,607,620	N/A
120	Hoboken City	S340635-07	-	-	-	-	$1,050,000	-	-	$1,050,000	$1,460,102	N/A
120	Hoboken City	S340635-09	-	-	-	-	$333,000	-	-	$333,000	$429,550	T 200630
124	North Bergen Municipal Utilities Authority	S340399-20	-	$30,000,000	-	-	-	-	-	$30,000,000	$38,083,680	BEYOND25
125	Mount Laurel Township Municipal Utilities Authority	S340943-06	$4,288,791	-	-	-	-	-	-	$4,288,791	$5,849,119	N/A
126	Ridgewood Village	S340639-05	-	-	-	$1,520,000	-	-	-	$1,520,000	$2,075,987	BEYOND25
127	Cliffside Park Borough	S340847-04	-	-	-	$1,000,000	$2,700,000	-	-	$3,700,000	$4,915,537	T 210630
128	Warren County (Pequest River) Municipal Utilities Authority	S340454-05	-	$3,000,000	-	-	-	-	-	$3,000,000	$3,997,392	BEYOND25
129	Riverton Borough	S340275-01	$649,000	-	-	-	-	-	-	$649,000	$914,970	BEYOND25
131	Jefferson Township	S340747-02	$1,428,000	-	-	-	-	-	-	$1,428,000	$1,952,637	BEYOND25
132	Wrightstown Municipal Utilities Authority	S340925-01	$2,000,000	$900,000	-	-	-	-	-	$2,900,000	$3,866,213	BEYOND25
133	Jersey City	S340928-30	-	-	-	-	$2,258,942	-	-	$2,258,942	$2,710,730	T 210630
134	North Hudson Sewer Authority	S340952-35	$158,018	-	-	-	-	-	-	$158,018	$229,126	T 210630
135	North Hudson Sewer Authority	S340952-34	-	-	$768,710	-	-	-	-	$768,710	$1,114,630	T 210630
136	North Hudson Sewer Authority	S340952-02	-	-	$24,320,163	-	-	-	-	$24,320,163	$30,948,777	BEYOND25
136	North Hudson Sewer Authority	S340952-18	-	-	-	-	$357,500	-	-	$357,500	$510,792	BEYOND25
136	North Hudson Sewer Authority	S340952-21	-	-	-	-	$2,000,000	-	-	$2,000,000	$2,718,518	BEYOND25
136	North Hudson Sewer Authority	S340952-22	-	-	-	-	$12,010,000	-	-	$12,010,000	$15,451,847	N/A
136	North Hudson Sewer Authority	S340952-23	$2,250,000	-	-	-	-	-	-	$2,250,000	$3,032,199	N/A
136	North Hudson Sewer Authority	S340952-24	-	-	$1,710,000	-	-	-	-	$1,710,000	$2,330,694	BEYOND25
136	North Hudson Sewer Authority	S340952-25	-	-	-	-	$1,000,000	-	-	$1,000,000	$1,396,910	BEYOND25
136	North Hudson Sewer Authority	S340952-27	-	-	$350,000	-	-	-	-	$350,000	$500,308	BEYOND25
144	North Hudson Sewer Authority	S340952-32	-	-	$3,650,000	-	-	-	-	$3,650,000	$4,492,662	T 210630
144	North Hudson Sewer Authority	S340952-33	-	-	-	-	-	-	-	-	$20,784,000	T 200630
146	North Hudson Sewer Authority	S340952-29	$933,000	-	-	-	-	-	-	$933,000	$1,199,640	BEYOND25
146	North Hudson Sewer Authority	S340952-30	$1,670,000	-	-	-	-	-	-	$1,670,000	$2,454,000	N/A

STATE OF NEW JERSEY FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
146	North Hudson Sewer Authority	S340952-31	-	-	-	-	-	$394,000	-	$394,000	$547,350	N/A
146	North Hudson Sewer Authority	S345190-01	-	-	-	-	-	-	-	-	$3,000,000	N/A
151	Long Branch Sewerage Authority	S340820-04	$4,422,000	-	-	-	-	-	-	$4,422,000	$5,860,527	BEYOND25
152	Hudson County Improvement Authority	S340652-01	-	-	-	$2,800,000	$200,000	-	-	$3,000,000	$3,997,392	BEYOND25
153	Riverside Sewerage Authority	S340490-01	-	$282,900	-	-	-	-	-	$282,900	$410,205	T 200630
156	Hamilton Township	S340898-01	-	$8,830,000	-	-	-	-	-	$8,830,000	$11,495,634	BEYOND25
157	Perth Amboy City	S340435-11	-	-	$4,880,700	-	-	-	-	$4,880,700	$6,459,351	N/A
157	Perth Amboy City	S340435-14	-	-	-	-	$2,000,000	-	-	$2,000,000	$2,500,000	T 200630
157	Perth Amboy City	S340435-16	-	-	-	-	$1,000,000	-	-	$1,000,000	$1,120,000	BEYOND25
157	Perth Amboy City	S340435-19	-	-	-	-	-	-	-	-	$387,200	T 210630
157	Perth Amboy City	S345220-01	-	-	-	-	$767,087	-	-	$767,087	$920,504	N/A
162	West Milford Municipal Utilities Authority	S340701-11	-	$7,040,000	-	-	-	-	-	$7,040,000	$9,189,254	BEYOND25
162	West Milford Municipal Utilities Authority	S340701-12	$208,500	-	-	-	-	-	-	$208,500	$301,823	BEYOND25
164	Hackensack City	S340923-12	-	-	$1,400,000	-	$2,974,000	-	-	$4,374,000	$5,903,680	BEYOND25
164	Hackensack City	S340923-13	-	-	-	-	-	-	-	-	$14,700,000	T 210630
164	Hackensack City	S340923-14	-	-	-	-	-	-	-	-	$6,480,000	T 200630
168	Atlantic County Utilities Authority	S340809-08	$1,196,000	-	-	-	-	-	-	$1,196,000	$1,640,997	BEYOND25
170	Somerset Raritan Valley Sewer Authority	S340801-09	$5,000,000	-	-	-	-	-	-	$5,000,000	$6,000,000	N/A
171	Somerset Raritan Valley Sewer Authority	S340801-07	$11,500,000	-	-	-	-	-	-	$11,500,000	$14,834,451	N/A
172	Rockaway Valley Regional Sewer Authority	S340821-04	$7,500,000	-	-	-	-	-	-	$7,500,000	$9,782,685	BEYOND25
173	Neptune Township Sewerage Authority	S340410-05	-	$8,200,000	-	-	-	-	-	$8,200,000	$10,684,529	BEYOND25
174	Evesham Municipal Utilities Authority	S340463-05	$2,550,000	$52,000	$102,000	$2,713,000	-	-	-	$5,417,000	$7,132,162	BEYOND25
176	Edgewater Municipal Utilities Authority	S340446-09	$1,500,000	$300,000	-	-	-	-	-	$1,800,000	$2,451,173	BEYOND25
177	Delaware Township Municipal Utilities Authority	S340917-01	-	$2,800,000	$100,000	-	-	-	-	$2,900,000	$3,866,213	BEYOND25
178	Delran Township	S340794-08	-	$1,370,000	-	-	-	-	-	$1,370,000	$1,874,782	BEYOND25
178	Delran Township	S340794-11	-	$1,515,000	-	-	-	-	-	$1,515,000	$2,003,000	T 210630
180	Passaic Valley Sewerage Commission	S340689-37	$8,333,000	-	-	-	-	-	-	$8,333,000	$107,091,640	T 200630
180	Passaic Valley Sewerage Commission	S340689-47	-	-	-	-	$76,081,000	-	-	$76,081,000	$94,965,434	T 210630
180	Passaic Valley Sewerage Commission	S340689-48	$724,000	-	-	-	-	-	-	$724,000	$900,410	N/A
183	Passaic Valley Sewerage Commission	S340689-44	-	-	-	-	-	-	-	-	$852,605	T 210630
184	Passaic Valley Sewerage Commission	S340689-23	$100,000,000	-	-	-	-	-	-	$100,000,000	$149,620,317	T 200630
184	Passaic Valley Sewerage Commission	S340689-38	$14,480,000	-	-	-	-	-	-	$14,480,000	$18,974,800	N/A
184	Passaic Valley Sewerage Commission	S340689-39	$3,100,000	-	-	-	-	-	-	$3,100,000	$4,222,000	N/A
184	Passaic Valley Sewerage Commission	S340689-40	$96,914,993	-	-	-	-	-	-	$96,914,993	$122,842,891	N/A
184	Passaic Valley Sewerage Commission	S345200-01	-	-	-	-	-	-	-	-	$7,551,288	N/A
184	Passaic Valley Sewerage Commission	S345200-02	-	-	-	-	-	-	-	-	$2,000,000	N/A
190	Passaic Valley Sewerage Commission	S340689-51	-	-	-	-	-	-	-	-	$39,087,360	T 210630
191	Passaic Valley Sewerage Commission	S340689-49	$74,400,000	-	-	-	-	-	-	$74,400,000	$159,857,600	T 200630
192	Passaic Valley Sewerage Commission	S340689-24	$14,000,000	-	-	-	-	-	-	$14,000,000	$17,986,421	BEYOND25
192	Passaic Valley Sewerage Commission	S340689-25	$6,947,756	-	-	-	-	-	-	$6,947,756	$9,070,281	N/A
192	Passaic Valley Sewerage Commission	S340689-26	$46,000,000	-	-	-	-	-	-	$46,000,000	$58,205,014	BEYOND25
192	Passaic Valley Sewerage Commission	S340689-28	$2,500,000	-	-	-	-	-	-	$2,500,000	$3,340,073	BEYOND25
192	Passaic Valley Sewerage Commission	S340689-29	$47,523,720	-	-	-	-	-	-	$47,523,720	$60,117,586	BEYOND25
192	Passaic Valley Sewerage Commission	S340689-30	$1,265,089	-	-	-	-	-	-	$1,265,089	$1,733,643	N/A
192	Passaic Valley Sewerage Commission	S340689-31	-	-	-	-	$1,300,000	-	-	$1,300,000	$1,780,655	N/A
192	Passaic Valley Sewerage Commission	S340689-32	-	-	-	-	$1,318,000	-	-	$1,318,000	$1,804,876	N/A

STATE OF NEW JERSEY FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
192	Passaic Valley Sewerage Commission	S340689-33	$4,468,500	-	-	-	-	-	-	$4,468,500	$5,921,310	T 200630
202	Atlantic County Utilities Authority	S340809-09	$2,000,000	-	-	-	-	-	-	$2,000,000	$2,718,518	BEYOND25
203	Northwest Bergen County Utilities Authority	S340700-16	$2,808,000	-	-	-	-	-	-	$2,808,000	$3,753,040	N/A
205	East Windsor Municipal Utilities Authority	S340536-08	$9,450,000	-	-	-	-	-	-	$9,450,000	$12,293,391	BEYOND25
206	Pennsville Sewerage Authority	S340870-02	-	$1,200,000	-	$4,281,000	-	-	-	$5,481,000	$7,211,095	BEYOND25
207	Harrison Township	S340362-05	$794,000	-	-	-	-	-	-	$794,000	$1,114,504	BEYOND25
208	Gloucester County Utilities Authority	S340526-06	$1,122,000	$561,000	-	-	-	-	-	$1,683,000	$2,294,564	BEYOND25
209	Beach Haven Borough	S344220-01	-	-	-	-	-	$1,572,000	-	$1,572,000	$2,038,640	T 210630
210	Phillipsburg Town	S340874-09	-	$2,400,000	-	-	-	-	-	$2,400,000	$3,123,000	T 210630
211	Logan Township Municipal Utilities Authority	S340123-02	$7,880,000	-	-	-	-	-	-	$7,880,000	$9,948,000	T 210630
213	Bergen County Utilities Authority	S340386-19	$2,600,000	-	-	-	-	-	-	$2,600,000	$3,240,000	T 210630
213	Bergen County Utilities Authority	S340386-20	$7,000,000	-	-	-	-	-	-	$7,000,000	$9,000,000	T 210630
213	Bergen County Utilities Authority	S340386-21	$1,500,000	-	-	-	-	-	-	$1,500,000	$1,920,000	T 200630
213	Bergen County Utilities Authority	S340386-22	$3,700,000	-	-	-	-	-	-	$3,700,000	$5,690,000	T 210630
213	Bergen County Utilities Authority	S340386-23	$14,000,000	-	-	-	-	-	-	$14,000,000	$17,820,000	T 200630
213	Bergen County Utilities Authority	S340386-24	$1,500,000	-	-	-	-	-	-	$1,500,000	$1,950,000	N/A
219	Bergen County Utilities Authority	S340386-09	-	-	$25,000,000	-	-	-	-	$25,000,000	$31,783,125	BEYOND25
219	Bergen County Utilities Authority	S340386-11	$12,000,000	-	-	-	-	-	-	$12,000,000	$15,439,092	BEYOND25
219	Bergen County Utilities Authority	S340386-12	$10,000,000	-	-	-	-	-	-	$10,000,000	$13,000,360	BEYOND25
219	Bergen County Utilities Authority	S340386-14	$42,790,000	-	-	-	-	-	-	$42,790,000	$54,172,587	T 210630
219	Bergen County Utilities Authority	S340386-15	$33,185,000	-	-	-	-	-	-	$33,185,000	$42,094,280	T 210630
219	Bergen County Utilities Authority	S340386-16	$15,220,000	-	-	-	-	-	-	$15,220,000	$19,537,263	T 210630
219	Bergen County Utilities Authority	S340386-18	-	-	$1,830,000	-	-	-	-	$1,830,000	$2,491,339	T 210630
226	Linden Roselle Sewer Authority	S340299-09	$1,500,000	-	-	-	-	-	-	$1,500,000	$1,978,605	T 200630
227	Linden Roselle Sewer Authority	S340299-08	$14,000,000	-	-	-	-	-	-	$14,000,000	$16,800,000	T 210630
228	Gloucester City	S345090-01	-	-	-	-	-	-	-	-	-	T 210630
229	Lambertville Municipal Utilities Authority	S340882-09	$525,000	-	-	-	-	-	-	$525,000	$711,320	T 200630
230	Mansfield Township	S340935-01	$700,000	$300,000	-	-	-	-	-	$1,000,000	$1,396,910	BEYOND25
231	Raritan Township Municipal Utilities Authority	S340485-05	$215,000	-	-	-	-	-	-	$215,000	$311,009	BEYOND25
233	Passaic Valley Sewerage Commission	S340689-50	$5,272,544	-	-	-	-	-	-	$5,272,544	$6,708,431	T 210630
234	Passaic Valley Sewerage Commission	S340689-16	$10,000,000	-	-	-	-	-	-	$10,000,000	$13,000,360	BEYOND25
234	Passaic Valley Sewerage Commission	S340689-19	$50,000,000	-	-	-	-	-	-	$50,000,000	$63,223,700	BEYOND25
236	Roxbury Township	S340381-07	$6,000,000	-	-	-	-	-	-	$6,000,000	$8,223,075	N/A
237	Raritan Township Municipal Utilities Authority	S340485-12	$3,469,697	-	-	-	-	-	-	$3,469,697	$4,709,999	N/A
238	Clinton Town	S340924-05	$1,130,000	-	-	-	-	-	-	$1,130,000	$1,559,892	BEYOND25
238	Clinton Town	S340924-08	$2,500,000	-	-	-	-	-	-	$2,500,000	$3,185,000	T 200630
240	Allamuchy Township	S340256-02	-	$3,000,000	-	-	-	-	-	$3,000,000	$3,997,392	BEYOND25
242	Joint Meeting of Essex & Union Counties	S340686-04	$8,600,000	-	-	-	-	-	-	$8,600,000	$11,199,679	BEYOND25
243	Newark City	S340815-16	-	-	-	-	-	$4,470,000	-	$4,470,000	$5,923,270	BEYOND25
243	Newark City	S340815-19	-	-	$3,500,000	-	-	-	-	$3,500,000	$4,653,327	BEYOND25
245	Gloucester County Utilities Authority	S340902-15	$5,400,000	-	-	-	-	-	-	$5,400,000	$7,200,000	T 200630
246	Stafford Township	S344100-02	-	-	-	-	-	$4,479,250	-	$4,479,250	$5,935,359	BEYOND25
246	Stafford Township	S344100-03	-	-	-	-	-	$2,261,475	-	$2,261,475	$3,046,458	T 200630
248	Buena Borough Municipal Utilities Authority	S340518-04	$1,500,000	-	-	-	-	-	-	$1,500,000	$2,049,114	BEYOND25
249	Berkeley Township	S344020-01	-	-	-	-	-	$663,750	-	$663,750	$905,062	T 210630
249	Berkeley Township	S344020-02	-	-	-	-	-	$663,750	-	$663,750	$905,062	T 210630

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

STATE OF NEW JERSEY FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
251	Allentown Borough	S340567-05	-	-	-	$4,190,300	-	-	-	$4,190,300	$5,761,196	N/A
252	Stony Brook Regional Sewer Authority	S340400-11	-	$16,605,146	-	-	-	-	-	$16,605,146	$20,925,055	T 210630
253	Stony Brook Regional Sewer Authority	S340400-10	-	$3,812,500	-	-	-	-	-	$3,812,500	$4,700,000	N/A
254	Western Monmouth Utilities Authority	S340128-03	$10,000,000	-	-	-	-	-	-	$10,000,000	$13,000,360	BEYOND25
255	Gloucester Township Municipal Utilities Authority	S340364-09	$612,500	-	-	-	-	-	-	$612,500	$864,565	BEYOND25
256	Ocean County	S344080-02	-	-	-	-	-	$1,744,711	-	$1,744,711	$2,093,653	BEYOND25
257	Evesham Municipal Utilities Authority	S340838-09	-	$280,000	-	-	-	-	-	$280,000	$388,000	T 210630
257	Evesham Municipal Utilities Authority	S340838-10	-	$1,100,000	-	-	-	-	-	$1,100,000	$1,449,000	T 210630
259	Maple Shade Township	S340710-05	$1,867,520	-	-	-	-	-	-	$1,867,520	$2,541,541	BEYOND25
260	Long Hill Township	S340404-10	-	$3,656,760	$2,073,545	-	-	-	-	$5,730,305	$7,439,786	T 210630
261	Jefferson Township	S340747-04	-	-	-	$4,932,000	-	-	-	$4,932,000	$6,526,216	BEYOND25
262	North Wildwood City	S340663-07	-	-	$13,313,000	-	-	-	-	$13,313,000	$17,968,040	BEYOND25
263	Seaside Park Borough	S344200-02	-	-	-	-	-	$2,076,690	-	$2,076,690	$2,691,442	BEYOND25
264	Howell Township Municipal Utilities Authority	S340832-01	-	-	-	$4,435,000	-	-	-	$4,435,000	$5,877,522	BEYOND25
265	Bay Head Borough	S344120-02	-	-	-	-	-	$200,000	-	$200,000	$289,789	BEYOND25
266	Bergen County Utilities Authority	S340386-10	$4,500,000	-	-	-	-	-	-	$4,500,000	$5,962,475	BEYOND25
266	Bergen County Utilities Authority	S340386-13	$24,900,000	-	-	-	-	-	-	$24,900,000	$31,660,502	BEYOND25
268	East Orange (JMEUC) City	S340686-09A	$389,829	-	-	-	-	-	-	$389,829	$620,504	N/A
268	Elizabeth (JMEUC) City	S340686-09B	$4,666,181	-	-	-	-	-	-	$4,666,181	$6,505,876	N/A
268	Hillside (JMEUC) Township	S340686-09C	$597,068	-	-	-	-	-	-	$597,068	$908,430	N/A
268	Irvington (JMEUC) Township	S340686-09D	$1,582,934	-	-	-	-	-	-	$1,582,934	$2,252,347	N/A
268	Joint Meeting of Essex & Union Counties	S340686-08	$76,983,778	-	-	-	-	-	-	$76,983,778	$101,231,766	T 210630
268	Newark (JMEUC) City	S340686-09E	$923,806	-	-	-	-	-	-	$923,806	$1,363,042	N/A
268	South Orange Village (JMEUC) Township	S340686-09F	$411,296	-	-	-	-	-	-	$411,296	$650,806	N/A
268	Summit (JMEUC) City	S340686-09G	$801,995	-	-	-	-	-	-	$801,995	$1,186,322	N/A
268	Union (JMEUC) Township	S340686-09H	$1,723,732	-	-	-	-	-	-	$1,723,732	$2,449,335	N/A
268	West Orange (JMEUC) Township	S340686-09I	$1,092,873	-	-	-	-	-	-	$1,092,873	$1,585,429	N/A
279	Howell Township	S344040-02	-	-	-	$10,746,713	-	-	-	$10,746,713	$14,258,859	N/A
280	Parsippany Troy Hills Township	S340886-04	-	$8,316,000	-	-	-	-	-	$8,316,000	$10,833,981	BEYOND25
281	Kearny Municipal Utilities Authority	S340259-08	-	-	$500,000	-	-	-	-	$500,000	$708,917	BEYOND25
282	Rutgers, The State University of New Jersey	S340500-01	$30,000,000	-	-	-	-	-	-	$30,000,000	$36,000,000	N/A
282	Rutgers, The State University of New Jersey	S340500-02	$41,205,000	-	-	-	-	-	-	$41,205,000	$49,446,000	BEYOND25
284	Hammonton Town	S340927-07	-	$2,900,000	-	-	-	-	-	$2,900,000	$3,866,213	BEYOND25
285	Northfield City	S340508-04	-	-	$450,000	-	-	-	-	$450,000	$720,000	T 210630
286	Brick Township	S344030-01	-	-	-	-	-	$731,811	-	$731,811	$1,029,030	BEYOND25
287	Manchester Township	S344070-01	-	-	-	-	-	$575,068	-	$575,068	$812,885	BEYOND25
288	Willingboro Municipal Utilities Authority	S340132-09	$3,600,000	-	-	-	-	-	-	$3,600,000	$4,550,000	T 210630
290	Little Egg Harbor Township	S344060-02	-	-	-	-	-	$2,900,000	-	$2,900,000	$3,958,000	N/A
291	Little Egg Harbor Township	S344060-01	-	-	-	-	-	$2,187,500	-	$2,187,500	$2,954,323	BEYOND25
292	Hightstown Borough	S340915-06	-	$1,035,000	-	-	-	-	-	$1,035,000	$1,441,211	BEYOND25
294	Lakehurst Borough	S344150-01	-	-	-	-	-	$361,000	-	$361,000	$515,681	BEYOND25
295	Lacey Township	S344140-01	-	-	-	-	-	$225,380	-	$225,380	$325,651	BEYOND25
296	Ocean County	S344080-06	-	-	-	-	-	$2,000,000	-	$2,000,000	$2,718,518	BEYOND25
298	Ocean County	S344080-10	-	-	-	-	-	$200,000	-	$200,000	$240,000	T 210630
298	Ocean County	S344080-11	-	-	-	-	-	$280,000	-	$280,000	$336,000	T 210630
300	Rockaway Valley Regional Sewer Authority	S340821-07	-	$3,000,000	-	-	-	-	-	$3,000,000	$3,997,392	N/A

STATE OF NEW JERSEY FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
300	Rockaway Valley Regional Sewer Authority	S340821-08	-	$12,000,000	-	-	-	-	-	$12,000,000	$15,439,092	T 210630
302	Ocean County	S344080-09	-	-	-	-	-	$775,000	-	$775,000	$1,123,750	T 210630
303	Western Monmouth Utilities Authority	S340128-06	-	$9,000,000	-	-	-	-	-	$9,000,000	$12,010,000	N/A
305	Landis Sewerage Authority	S340461-05	$2,700,000	-	-	-	-	-	-	$2,700,000	$3,603,428	BEYOND25
306	Lacey Township	S344140-02	-	-	-	-	-	$1,197,000	-	$1,197,000	$1,559,000	T 210630
307	Chatham (MCJM) Borough	S340715-07A	-	$5,700,000	-	-	-	-	-	$5,700,000	$7,289,180	N/A
307	Madison (MCJM) Borough	S340715-07B	-	$5,700,000	-	-	-	-	-	$5,700,000	$7,289,180	N/A
309	Point Pleasant Borough	S344210-01	-	-	-	-	-	$220,000	-	$220,000	$318,067	BEYOND25
310	Beachwood Borough	S344010-02	-	-	-	-	-	$500,000	-	$500,000	$708,917	BEYOND25
311	Beachwood Borough	S344010-01	-	-	-	-	-	$696,500	-	$696,500	$980,378	BEYOND25
312	Millstone Township	S344160-01	-	-	-	-	-	$250,000	-	$250,000	$360,245	BEYOND25
313	Wildwood City	S340664-06	-	-	$11,891,277	-	-	-	-	$11,891,277	$15,713,009	T 210630
314	Point Pleasant Beach Borough	S344190-02	-	-	-	-	-	$6,850,000	-	$6,850,000	$8,944,264	N/A
315	Ocean Gate Borough	S344180-01	-	-	-	-	-	$1,690,000	-	$1,690,000	$2,303,933	BEYOND25
316	Pine Beach Borough	S344090-01	-	-	-	-	-	$305,000	-	$305,000	$437,413	BEYOND25
317	Bay Head Borough	S344120-01	-	-	-	-	-	$172,500	-	$172,500	$250,886	BEYOND25
318	Roosevelt Borough	S340761-03	$111,500	-	-	-	-	-	-	$111,500	$161,675	BEYOND25
318	Roosevelt Borough	S340761-04	$1,200,000	-	-	-	-	-	-	$1,200,000	$1,744,000	BEYOND25
320	New Jersey Water Supply Authority	S340421-02	-	$65,185,000	-	-	-	-	-	$65,185,000	$82,822,000	N/A
320	New Jersey Water Supply Authority	S340421-03	-	$65,185,000	-	-	-	-	-	$65,185,000	$82,822,000	BEYOND25
322	Atlantic County Utilities Authority	S340809-21	-	-	-	$6,500,000	-	-	-	$6,500,000	$8,492,702	BEYOND25
322	Atlantic County Utilities Authority	S340809-22	-	-	$12,000,000	-	-	-	-	$12,000,000	$15,439,092	BEYOND25
324	Paterson City	S340850-01	-	-	$22,136,000	-	-	-	-	$22,136,000	$28,256,876	BEYOND25
325	Trenton City	S340416-12	-	-	$2,000,000	-	-	-	-	$2,000,000	$2,718,518	BEYOND25
326	Northwest Bergen County Utilities Authority	S340700-17	-	-	-	-	-	-	-	-	$443,500	BEYOND25
327	North Bergen Municipal Utilities Authority	S340652-10	-	-	-	-	-	$1,225,000	-	$1,225,000	$1,679,606	BEYOND25
327	North Bergen Township	S340652-07	-	-	$450,000	-	-	-	-	$450,000	$639,645	BEYOND25
329	Kearny Municipal Utilities Authority	S340259-14	-	-	$675,000	-	-	-	-	$675,000	$1,582,000	T 210630
331	Winslow Township	S340895-08	-	-	-	$1,275,900	-	-	-	$1,275,900	$1,748,207	BEYOND25
332	Salem County	S340804-04	-	$14,218,000	-	-	-	-	-	$14,218,000	$18,263,633	BEYOND25
333	Asbury Park City	S340883-05	-	-	$11,322,131	-	-	-	-	$11,322,131	$14,618,545	BEYOND25
333	Asbury Park City	S340883-06	$250,000	-	$12,000,000	$1,250,000	-	-	-	$13,500,000	$17,350,281	BEYOND25
335	North Arlington Borough	S340959-03	-	-	$265,000	-	-	-	-	$265,000	$381,358	BEYOND25
336	Phillipsburg Town	S340874-08	-	-	$3,678,000	-	-	$1,576,000	-	$5,254,000	$8,787,800	T 210630
337	Hackettstown Municipal Utilities Authority	S340803-04	-	-	-	$1,011,500	-	-	-	$1,011,500	$1,411,500	BEYOND25
341	Long Branch Sewerage Authority	S340336-09	-	-	$4,310,000	-	-	-	-	$4,310,000	$5,506,680	N/A
342	Millville City	S340921-04	-	-	$5,350,000	$1,200,000	-	-	-	$6,550,000	$8,557,247	BEYOND25
343	Long Branch Sewerage Authority	S340336-05	-	-	$1,000,000	-	-	-	-	$1,000,000	$1,396,910	BEYOND25
344	Princeton	S340656-08	-	-	$2,897,244	-	-	-	-	$2,897,244	$3,862,596	T 210630
344	Princeton	S340656-09	-	-	$1,330,420	-	-	-	-	$1,330,420	$1,821,582	T 210630
346	Stafford Township	S340946-05	-	-	$664,959	-	-	-	-	$664,959	$936,970	BEYOND25
346	Stafford Township	S340946-07	-	-	$3,983,110	-	-	-	-	$3,983,110	$4,859,394	T 210630
348	Ocean City	S340730-01	-	-	$39,000	-	-	-	-	$39,000	$57,540	BEYOND25
349	Metuchen Borough	S340360-02	-	-	$1,190,000	-	-	-	-	$1,190,000	$1,578,000	T 210630
350	Metuchen Borough	S340360-01	-	-	$2,800,000	-	-	-	-	$2,800,000	$3,734,892	BEYOND25
351	Wildwood City	S340664-03	-	-	$2,250,000	-	-	-	-	$2,250,000	$3,032,199	BEYOND25

Cat 1 -Secondary/Sludge/Septage Treatment
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Cat 6-Stormwater Mgmt
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STATE OF NEW JERSEY FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
352	North Wildwood City	S340663-04	-	-	$8,716,640	-	-	-	-	$8,716,640	$11,349,789	BEYOND25
354	Netcong Borough	S340538-01	-	-	-	-	-	-	-	-	$95,000	T 210630
355	West Wildwood Borough	S340626-03	-	-	$396,000	-	-	-	-	$396,000	$564,453	BEYOND25
356	Manasquan River Regional Sewerage Authority	S340911-03	-	-	-	-	-	-	-	-	$660,000	T 210630
357	Manasquan River Regional Sewerage Authority	S340911-04	-	-	$1,800,000	-	-	-	-	$1,800,000	$2,388,541	T 210630
358	Willingboro Municipal Utilities Authority	S340132-08	-	-	$1,142,500	-	-	-	-	$1,142,500	$1,575,337	T 210630
359	Barnegat Township	S340620-06	-	-	$375,000	-	-	-	-	$375,000	$535,216	BEYOND25
359	Barnegat Township	S340620-07	-	-	$400,000	-	-	-	-	$400,000	$570,013	BEYOND25
361	Little Egg Harbor Municipal Utilities Authority	S340579-03	-	-	$6,062,425	-	-	-	-	$6,062,425	$7,638,655	T 200630
363	Delran Township	S340794-09	-	-	$530,000	-	-	-	-	$530,000	$750,544	BEYOND25
363	Delran Township	S340794-10	-	-	$1,535,000	-	-	-	-	$1,535,000	$1,998,000	T 200630
365	Hopatcong Borough	S340488-07	-	-	-	-	-	-	-	-	$75,000	N/A
366	Totowa Borough	S340778-01	-	-	$700,000	-	-	-	-	$700,000	$985,189	BEYOND25
367	Freehold Borough	S340304-02	-	-	$300,000	-	-	-	-	$300,000	$430,399	BEYOND25
368	Hightstown Borough	S340915-04	-	-	$44,700	$236,250	-	-	-	$280,950	$403,745	BEYOND25
369	Manasquan River Regional Sewerage Authority	S340911-01	-	-	$500,000	-	-	-	-	$500,000	$708,917	BEYOND25
370	South Bound Brook Borough	S340347-01	-	-	-	$850,000	-	-	-	$850,000	$1,191,434	BEYOND25
371	Tuckerton Borough	S340034-05	-	-	$2,297,800	-	-	-	-	$2,297,800	$3,188,640	T 210630
373	Seaside Heights Borough	S340236-01	-	-	$2,935,700	-	-	-	-	$2,935,700	$3,913,060	BEYOND25
374	Avalon Borough	S340864-01	-	$310,000	$796,000	-	-	-	-	$1,106,000	$1,530,125	BEYOND25
375	Montclair Township	S340837-04	-	-	$1,176,345	-	-	-	-	$1,176,345	$1,682,173	N/A
375	Montclair Township	S340837-05	-	-	$600,000	-	-	-	-	$600,000	$775,000	T 210630
377	Orange City	S340859-01	-	-	$685,000	-	-	-	-	$685,000	$964,562	BEYOND25
378	Orange City	S340859-03	-	-	$2,430,000	-	-	-	-	$2,430,000	$3,377,600	T 210630
379	Cranford Township	S340858-06	-	-	$715,000	-	-	-	-	$715,000	$1,005,872	BEYOND25
380	Pleasantville City	S340752-03	-	-	$2,186,032	-	-	-	-	$2,186,032	$3,135,562	BEYOND25
381	Morristown Town	S340376-04	-	-	$6,600,000	-	-	-	-	$6,600,000	$8,621,779	BEYOND25
382	Collingswood Borough	S340291-04	-	-	$590,367	-	-	-	-	$590,367	$800,440	T 210630
383	Matawan Borough	S340967-01	-	-	$500,000	-	-	-	-	$500,000	$708,917	BEYOND25
384	South Amboy City	S340326-06	-	-	$168,000	-	-	-	-	$168,000	$244,515	BEYOND25
385	Middlesex County Utilities Authority	S340699-12	-	-	$88,390,000	-	-	-	-	$88,390,000	$111,313,758	N/A
385	Middlesex County Utilities Authority	S340699-14	-	-	$13,200,000	-	-	-	-	$13,200,000	$16,968,376	N/A
385	Middlesex County Utilities Authority	S340699-16	-	-	$14,200,000	-	-	-	-	$14,200,000	$18,085,560	T 210630
389	Middlesex County Utilities Authority	S340699-07	-	-	$6,200,000	-	-	-	-	$6,200,000	$8,105,182	BEYOND25
389	Middlesex County Utilities Authority	S340699-08	-	-	$17,300,000	-	-	-	-	$17,300,000	$22,180,484	BEYOND25
391	Ocean County Utilities Authority	S340372-55	-	-	$300,000	-	-	-	-	$300,000	$430,399	BEYOND25
393	Bergen County Utilities Authority	S340386-25	-	-	$3,000,000	-	-	-	-	$3,000,000	$3,900,000	N/A
394	Monmouth County Bayshore Outfall Authority	S340325-04	-	-	$1,000,000	-	-	-	-	$1,000,000	$2,600,000	N/A
395	Camden County Municipal Utilities Authority	S340709-02	-	-	$12,184,000	-	-	-	-	$12,184,000	$15,673,755	BEYOND25
396	Camden County Municipal Utilities Authority	S340640-28	-	-	$2,000,000	-	-	-	-	$2,000,000	$2,550,000	T 210630
396	Camden County Municipal Utilities Authority	S340640-30	-	-	$6,000,000	-	-	-	-	$6,000,000	$7,375,000	T 210630
398	Bergen County Utilities Authority	S340768-02	-	-	$12,184,000	-	-	-	-	$12,184,000	$15,673,755	BEYOND25
399	Atlantic County Utilities Authority	S340809-29	-	-	$2,000,000	-	-	-	-	$2,000,000	$2,718,518	T 210630
399	Rahway Valley Sewerage Authority	S340547-03	-	-	$4,482,000	-	-	-	-	$4,482,000	$5,938,953	BEYOND25
399	Rahway Valley Sewerage Authority	S340547-08	-	-	$1,250,000	-	-	-	-	$1,250,000	$1,713,312	BEYOND25
403	Atlantic County Utilities Authority	S340809-30	-	-	$7,300,000	-	-	-	-	$7,300,000	$10,063,461	T 210630

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

STATE OF NEW JERSEY FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
404	Gloucester County Utilities Authority	S340902-08	$1,280,000	-	-	-	-	-	-	$1,280,000	$1,753,729	BEYOND25
405	Plainfield Area Regional Sewerage Authority	S340949-05	-	-	$3,000,000	-	-	-	-	$3,000,000	$3,997,392	BEYOND25
405	Two Rivers Water Reclamation Authority	S340117-04	-	-	-	$350,000	-	-	-	$350,000	$500,308	BEYOND25
405	Two Rivers Water Reclamation Authority	S340117-05	-	-	$21,000,000	-	-	-	-	$21,000,000	$26,849,966	BEYOND25
408	Woodbridge Township	S340433-11	-	-	-	$10,902,802	-	-	-	$10,902,802	$13,083,362	T 210630
408	Woodbridge Township	S340433-12	-	-	$24,099,916	-	-	-	-	$24,099,916	$28,919,899	T 210630
410	Hamilton Township	S340898-02	-	-	$10,010,000	-	-	-	-	$10,010,000	$13,012,687	BEYOND25
410	Hamilton Township	S340898-04	-	-	$5,100,000	-	-	-	-	$5,100,000	$6,739,361	BEYOND25
410	Hamilton Township	S340898-05	-	-	$2,250,000	-	-	-	-	$2,250,000	$3,032,199	BEYOND25
415	Lakewood Township Municipal Utilities Authority	S340465-01	-	-	$500,000	-	-	-	-	$500,000	$708,917	BEYOND25
416	Northwest Bergen County Utilities Authority	S340700-06	-	-	$6,076,000	-	-	-	-	$6,076,000	$7,944,881	BEYOND25
417	Toms River Municipal Utilities Authority	S340145-05	-	-	$2,575,000	-	-	-	-	$2,575,000	$3,100,000	T 200630
417	Toms River Municipal Utilities Authority	S340145-06	-	-	$628,500	-	-	-	-	$628,500	$754,200	N/A
419	Ocean County Utilities Authority	S340372-60	-	-	$600,000	-	-	-	-	$600,000	$870,000	N/A
420	Two Rivers Water Reclamation Authority	S340117-03	-	-	$2,900,000	-	-	-	-	$2,900,000	$3,866,213	BEYOND25
421	Clifton City	S340844-01	-	-	$300,000	-	-	-	-	$300,000	$430,399	BEYOND25
421	Clifton City	S340844-05	-	-	$2,500,000	-	-	-	-	$2,500,000	$3,340,073	BEYOND25
423	Two Rivers Water Reclamation Authority	S340117-09	-	-	$3,000,000	-	-	-	-	$3,000,000	$3,750,000	T 210630
424	Two Rivers Water Reclamation Authority	S340117-10	-	-	-	$60,000,000	-	-	-	$60,000,000	$74,707,702	T 200630
425	Brick Township Municipal Utilities Authority	S340448-11	-	-	$3,900,225	-	-	-	-	$3,900,225	$5,278,297	N/A
425	Brick Township Municipal Utilities Authority	S340448-12	-	-	$4,020,000	-	-	-	-	$4,020,000	$4,824,000	T 210630
425	Brick Township Municipal Utilities Authority	S340448-13	-	-	$3,300,000	-	-	-	-	$3,300,000	$4,060,000	T 210630
428	Northwest Bergen County Utilities Authority	S340700-14	-	-	$2,340,000	-	-	-	-	$2,340,000	$3,089,200	BEYOND25
428	Northwest Bergen County Utilities Authority	S340700-15	-	-	$3,640,000	-	-	-	-	$3,640,000	$4,733,200	N/A
428	Northwest Bergen County Utilities Authority	S340700-18	-	-	-	-	-	-	-	-	$10,060,000	N/A
428	Northwest Bergen County Utilities Authority	S340700-19	-	-	$6,622,500	-	-	-	-	$6,622,500	$8,132,450	N/A
433	Woodbridge Township	S340433-04	-	-	$807,000	-	-	-	-	$807,000	$1,132,363	BEYOND25
434	Middletown Township Sewer Authority	S340097-05	-	-	$1,285,000	-	-	-	-	$1,285,000	$1,760,462	BEYOND25
435	Western Monmouth Utilities Authority	S340128-08	-	-	$6,500,000	-	-	-	-	$6,500,000	$7,800,000	T 210630
436	Western Monmouth Utilities Authority	S340128-05	-	-	$3,050,000	-	-	-	-	$3,050,000	$4,156,000	N/A
436	Western Monmouth Utilities Authority	S340128-07	-	-	$1,437,500	-	-	-	-	$1,437,500	$2,027,500	BEYOND25
438	Old Bridge Municipal Utilities Authority	S340945-14	-	-	$1,500,000	-	-	-	-	$1,500,000	$2,110,000	N/A
439	Ewing Lawrence Sewer Authority	S340391-06	-	-	$2,000,000	-	-	-	-	$2,000,000	$2,718,518	BEYOND25
441	Franklin Township Sewerage Authority	S340839-07	-	-	$1,400,000	-	-	-	-	$1,400,000	$1,960,000	N/A
441	Franklin Township Sewerage Authority	S340839-08	-	-	$2,897,000	-	-	-	-	$2,897,000	$3,954,040	T 200630
441	Franklin Township Sewerage Authority	S340839-09	-	-	$5,500,000	-	-	-	-	$5,500,000	$7,100,000	T 210630
445	Old Bridge Municipal Utilities Authority	S340945-05	-	-	$1,600,000	-	-	-	-	$1,600,000	$2,183,362	BEYOND25
446	Linden Roselle Sewer Authority	S340299-05	-	-	$271,000	-	-	-	-	$271,000	$389,787	BEYOND25
447	Jackson Township	S340953-04	-	-	-	-	-	$710,000	-	$710,000	$852,000	BEYOND25
447	Jackson Township Municipal Utilities Authority	S340953-02	-	-	$1,500,000	-	-	-	-	$1,500,000	$2,049,114	BEYOND25
449	Union Township	S340293-04	-	-	-	$710,100	-	-	-	$710,100	$999,117	BEYOND25
450	Passaic City	S340845-01	-	-	$3,000,000	-	-	-	-	$3,000,000	$3,997,392	BEYOND25
451	Parsippany Troy Hills Township	S340886-05	-	-	-	$9,095,000	-	-	-	$9,095,000	$11,733,500	T 210630
452	Franklin Township Sewerage Authority	S340839-04	-	-	-	$700,000	-	-	-	$700,000	$985,189	BEYOND25
452	Franklin Township Sewerage Authority	S340839-05	-	-	$1,500,000	-	-	-	-	$1,500,000	$2,049,114	BEYOND25
455	Wayne Township	S340393-07	-	-	$1,500,000	-	-	-	-	$1,500,000	$2,049,114	BEYOND25

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STATE OF NEW JERSEY FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
456	South Monmouth Regional Sewer Authority	S340377-04A	-	-	$5,818,000	-	-	-	-	$5,818,000	$6,981,600	N/A
459	East Brunswick Sewerage Authority	S340168-01	-	-	$1,350,000	-	-	-	-	$1,350,000	$1,847,907	BEYOND25
460	Evesham Municipal Utilities Authority	S340838-07	-	-	$902,832	-	-	-	-	$902,832	$1,216,398	T 200630
461	Evesham Municipal Utilities Authority	S340838-08	-	-	$460,000	-	-	-	-	$460,000	$642,000	T 210630
462	Egg Harbor Township Municipal Utilities Authority	S340753-03	-	-	$650,000	-	-	-	-	$650,000	$916,350	BEYOND25
462	Egg Harbor Township Municipal Utilities Authority	S340753-06	-	-	$436,000	-	-	-	-	$436,000	$620,184	T 210630
464	Mount Laurel Township Municipal Utilities Authority	S340943-07	-	-	$2,612,750	-	-	-	-	$2,612,750	$3,135,300	T 200630
465	Berkeley Township	S340969-01	-	-	$2,000,000	-	-	-	-	$2,000,000	$2,718,518	BEYOND25
466	Winslow Township	S340895-07	-	-	$460,000	-	-	-	-	$460,000	$653,528	BEYOND25
466	Winslow Township	S340895-10	-	-	$1,046,533	-	-	-	-	$1,046,533	$1,517,473	T 200630
468	Montclair Township	S340837-03	-	-	$998,720	-	-	-	-	$998,720	$1,395,161	N/A
469	Monroe Municipal Utilities Authority	S340423-05	-	-	$250,000	-	-	-	-	$250,000	$300,000	T 210630
470	Winslow Township	S340895-01	-	-	-	$1,473,120	-	-	-	$1,473,120	$2,013,118	BEYOND25
471	Fort Lee Borough	S340853-01	-	-	$481,000	-	-	-	-	$481,000	$682,636	BEYOND25
472	Garfield City	S340172-01	-	-	$3,000,000	-	-	-	-	$3,000,000	$3,997,392	BEYOND25
473	Ocean Township Sewer Authority	S340750-13	-	-	$350,000	-	-	-	-	$350,000	$507,500	N/A
473	Ocean Township Sewer Authority	S340750-14	-	-	$1,700,000	-	-	-	-	$1,700,000	$2,374,000	N/A
475	Monroe Municipal Utilities Authority	S340423-03	-	-	$1,649,332	-	-	-	-	$1,649,332	$2,249,480	BEYOND25
476	Ocean Township Sewer Authority	S340750-10	-	-	$1,000,000	-	-	-	-	$1,000,000	$1,396,910	BEYOND25
476	Ocean Township Sewer Authority	S340750-12	-	-	$2,500,000	-	-	-	-	$2,500,000	$3,340,073	N/A
479	Bergenfield Borough	S340378-02	-	-	$1,925,000	-	-	-	-	$1,925,000	$2,618,381	BEYOND25
480	Bridgeton City	S340829-01	-	-	$993,053	-	-	-	-	$993,053	$1,387,415	BEYOND25
480	Bridgeton City	S340829-02	-	-	$993,053	-	-	-	-	$993,053	$1,387,415	BEYOND25
480	Bridgeton City	S340829-03	-	-	$318,500	-	-	-	-	$318,500	$456,326	BEYOND25
483	Bergen County Utilities Authority	S340769-02	-	-	$1,150,000	-	-	-	-	$1,150,000	$1,584,586	BEYOND25
484	Ridgewood Village	S340639-07	$2,189,000	-	$2,375,000	-	-	-	-	$4,564,000	$6,046,088	BEYOND25
485	Ocean County Utilities Authority	S340372-58	-	-	$3,000,000	-	-	-	-	$3,000,000	$3,997,392	N/A
486	Lodi Borough	S340317-02	-	-	$1,300,000	-	-	-	-	$1,300,000	$1,780,655	BEYOND25
487	Vernon Township	S340745-03	-	-	-	-	-	-	-	-	$100,000	N/A
488	Madison (MCJM) Borough	S340715-03	-	-	$553,000	-	-	-	-	$553,000	$782,388	BEYOND25
489	Scotch Plains Township	S340512-01	-	-	$2,000,000	-	-	-	-	$2,000,000	$2,576,000	T 200630
490	Carteret Borough	S340939-06	-	-	$4,600,000	-	-	-	-	$4,600,000	$6,093,106	BEYOND25
490	Carteret Borough	S340939-10	-	-	$4,000,000	-	-	-	-	$4,000,000	$4,800,000	T 210630
492	Burlington Township	S340712-17	-	-	$800,000	-	-	-	-	$800,000	$960,000	T 200630
495	Raritan Township Municipal Utilities Authority	S340485-07	-	-	$1,650,000	-	-	-	-	$1,650,000	$2,250,375	BEYOND25
495	Raritan Township Municipal Utilities Authority	S340485-11	-	-	$350,000	-	-	-	-	$350,000	$500,308	BEYOND25
497	South Brunswick Township	S340866-01	-	-	$260,000	-	-	-	-	$260,000	$374,327	BEYOND25
498	Medford Township	S340346-06	-	-	$2,420,000	-	-	-	-	$2,420,000	$3,242,185	BEYOND25
499	South Plainfield Borough	S340408-01	-	-	-	-	-	$320,000	-	$320,000	$458,425	BEYOND25
500	Deptford Township Municipal Utilities Authority	S340066-03	-	-	$670,766	-	-	-	-	$670,766	$899,519	T 210630
500	Deptford Township Municipal Utilities Authority	S340066-04	-	-	$472,506	-	-	-	-	$472,506	$647,407	T 210630
500	West Deptford Township	S340947-05	-	-	$850,000	-	-	-	-	$850,000	$1,252,500	N/A
503	Hillside (JMEUC) Township	S340686-10	-	-	$778,440	-	-	-	-	$778,440	$1,266,866	T 210630
504	Edgewater Borough	S340443-05	-	-	$2,301,000	-	-	-	-	$2,301,000	$3,095,477	BEYOND25
505	Hazlet Township	S340968-01	-	-	$650,000	-	-	-	-	$650,000	$916,350	BEYOND25
505	Hillside Township	S340906-03	-	-	$791,000	-	-	-	-	$791,000	$1,110,388	BEYOND25

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STATE OF NEW JERSEY FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
507	Roselle Borough	S340332-02	-	-	$2,600,000	-	-	-	-	$2,600,000	$3,471,822	T 210630
508	Hamilton Township Municipal Utilities Authority	S340903-06	-	-	$1,935,712	-	-	-	-	$1,935,712	$2,322,854	T 210630
509	Carteret Borough	S340939-01	-	-	$5,500,000	-	-	-	-	$5,500,000	$7,234,505	BEYOND25
510	Burlington Township	S340712-13	-	-	$450,000	-	-	-	-	$450,000	$639,645	BEYOND25
511	West Deptford Township	S340947-04	-	-	$1,698,730	-	-	-	-	$1,698,730	$2,315,615	BEYOND25
512	North Arlington-Lyndhurst Joint Meeting	S340426-07	-	-	$1,500,000	-	-	-	-	$1,500,000	$2,049,114	BEYOND25
513	Maple Shade Township	S340710-04	-	-	$1,256,295	-	-	-	-	$1,256,295	$1,721,795	BEYOND25
514	Moorestown Township	S340912-02	-	-	$611,000	-	-	-	-	$611,000	$862,491	BEYOND25
515	Elmwood Park Borough	S340863-01	-	-	$700,000	-	-	-	-	$700,000	$985,189	BEYOND25
516	Rutherford Borough	S340192-01	-	-	$500,000	-	-	-	-	$500,000	$708,917	BEYOND25
517	Dumont Borough	S340922-01	-	-	$2,717,000	-	-	-	-	$2,717,000	$3,625,787	BEYOND25
518	Hopewell Township	S340282-03	-	-	$1,200,000	-	-	-	-	$1,200,000	$1,640,000	T 210630
519	Stony Brook Regional Sewer Authority	S340400-03	-	-	$393,000	-	-	-	-	$393,000	$560,281	BEYOND25
520	Palisades Park Borough	S340313-01	-	-	$300,000	-	-	-	-	$300,000	$430,399	BEYOND25
521	Princeton	S340656-11	-	-	$3,271,398	-	-	-	-	$3,271,398	$3,925,678	T 200630
521	Princeton	S340656-12	-	-	$1,559,668	-	-	-	-	$1,559,668	$1,871,602	T 210630
523	Readington Township	S340577-07	-	-	$155,000	-	-	-	-	$155,000	$226,059	BEYOND25
524	Holmdel Township	S340919-03	-	-	-	-	-	$218,875	-	$218,875	$316,480	BEYOND25
525	Warren County	S340580-04	-	-	$1,809,000	-	-	-	-	$1,809,000	$2,463,225	BEYOND25
526	Warren Township Sewerage Authority	S340964-05	-	-	-	-	-	-	-	-	$10,800,000	N/A
527	Bernards Township Sewerage Authority	S340382-03	-	-	$337,000	-	-	-	-	$337,000	$482,182	BEYOND25
528	Mantua Township MUA	S340514-01	-	-	$940,326	-	-	-	-	$940,326	$1,363,473	T 210630
528	Mantua Township MUA	S340514-03	-	-	$532,738	-	-	-	-	$532,738	$772,471	T 210630
530	Hammonton Town	S340927-06	-	$225,000	-	-	-	-	-	$225,000	$325,117	BEYOND25
530	Hammonton Town	S340927-08	-	-	$1,627,740	-	-	-	-	$1,627,740	$2,220,549	BEYOND25
532	Dover Town	S340889-01	-	-	$664,000	-	-	-	-	$664,000	$935,648	BEYOND25
533	Verona Township	S340533-04	-	-	$1,054,000	-	-	-	-	$1,054,000	$1,465,130	BEYOND25
534	Springfield Township	S340855-01	-	-	$1,054,000	-	-	-	-	$1,054,000	$1,465,130	BEYOND25
535	Middlesex Borough	S340698-02	-	-	$1,976,125	-	-	-	-	$1,976,125	$2,568,750	N/A
535	Middlesex Borough	S340698-03	-	-	$604,200	-	-	-	-	$604,200	$898,640	T 210630
537	Clinton Town	S340924-06	-	-	$900,000	-	-	-	-	$900,000	$1,259,960	BEYOND25
538	Roselle Park Borough	S340234-01	-	-	$113,000	-	-	-	-	$113,000	$166,190	BEYOND25
539	Highland Park Borough	S340938-01	-	-	$3,242,000	-	-	-	-	$3,242,000	$4,315,232	BEYOND25
540	Cedar Grove Township	S340717-05	-	-	$260,000	-	-	-	-	$260,000	$374,327	BEYOND25
541	Parsippany Troy Hills Township	S340766-02	-	-	$35,000	-	-	-	-	$35,000	$51,639	BEYOND25
542	Pennsville Sewerage Authority	S340870-04	$2,244,000	-	$671,000	-	-	-	-	$2,915,000	$4,227,000	T 210630
543	Red Bank Borough	S340528-01	-	-	$1,027,094	-	-	-	-	$1,027,094	$1,354,512	T 200630
544	Roxbury Township	S340381-05	-	-	$962,000	-	-	-	-	$962,000	$1,344,941	BEYOND25
545	Hasbrouck Heights Borough	S340329-01	-	-	$11,000,000	-	-	-	-	$11,000,000	$14,226,449	BEYOND25
546	Haddonfield Borough	S340220-01	-	-	$1,493,804	$355,768	-	-	-	$1,849,572	$2,517,530	BEYOND25
548	Florham Park Borough	S340703-05	-	-	$1,000,000	-	-	-	-	$1,000,000	$1,396,910	BEYOND25
549	Westwood Borough	S340862-01	-	-	$690,190	-	-	-	-	$690,190	$971,700	BEYOND25
550	Little Falls Township	S340716-04	-	-	$1,600,000	-	-	-	-	$1,600,000	$2,183,362	BEYOND25
551	River Edge Borough	S340841-01	-	-	$320,000	-	-	-	-	$320,000	$458,425	BEYOND25
552	Wanaque Valley Regional Sewer Authority	S340780-02	-	-	$1,136,000	-	-	-	-	$1,136,000	$1,567,310	BEYOND25
553	Sayreville Borough	S340326-04	-	-	$168,000	-	-	-	-	$168,000	$244,515	BEYOND25

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554	Fairview Borough	S340517-01	-	-	$1,100,000	-	-	-	-	$1,100,000	$1,522,661	BEYOND25
556	Keansburg Borough	S340118-04	-	-	$3,500,000	-	-	-	-	$3,500,000	$4,653,327	BEYOND25
556	Keansburg Borough	S340118-05	-	-	$5,000,000	-	-	-	-	$5,000,000	$6,614,815	BEYOND25
558	Little Ferry Borough	S340425-01	-	-	$3,700,000	-	-	-	-	$3,700,000	$4,915,537	BEYOND25
559	Brigantine City	S340827-04	-	-	$2,235,700	-	-	-	-	$2,235,700	$3,014,413	T 210630
560	Audubon Borough	S340309-01	-	-	$779,772	-	-	-	-	$779,772	$1,094,976	BEYOND25
561	Harrison Township	S340362-04	-	-	$790,000	$714,000	-	-	-	$1,504,000	$2,054,490	BEYOND25
562	Long Hill Township	S340404-09	-	-	$1,000,000	-	-	-	-	$1,000,000	$1,396,910	BEYOND25
563	Northfield City	S340508-01	-	-	$225,000	-	-	-	-	$225,000	$270,000	BEYOND25
563	Northfield City	S340508-02	-	-	$125,000	-	-	$326,299	-	$451,299	$541,559	T 210630
563	Northfield City	S340508-03	-	-	$150,000	-	-	-	-	$150,000	$180,000	T 210630
567	Runnemede Borough	S340363-06	-	-	$1,125,000	-	-	-	-	$1,125,000	$1,553,702	T 210630
568	North Haledon Borough	S340229-02	-	-	-	-	-	-	-	-	$100,000	N/A
570	Carneys Point Sewerage Authority	S340502-08	-	-	$777,669	-	-	-	-	$777,669	$1,057,203	T 210630
571	Bogota Borough	S340914-01	-	-	$1,500,000	-	-	$800,000	-	$2,300,000	$3,094,238	BEYOND25
572	North Haledon Borough	S340229-01	-	-	$726,000	-	-	-	-	$726,000	$1,021,028	BEYOND25
573	Carneys Point Township	S340502-07	-	-	$425,000	-	-	-	-	$425,000	$604,874	BEYOND25
574	Montvale Borough	S340846-01	-	-	$71,000	-	-	-	-	$71,000	$104,753	BEYOND25
575	Glen Ridge Borough	S340861-03	-	-	-	-	-	$371,541	-	$371,541	$445,849	T 210630
575	Glen Ridge Borough	S340861-04	-	-	$1,280,100	-	-	-	-	$1,280,100	$1,856,145	N/A
577	Haddon Heights Borough	S340877-01	-	-	$976,000	-	-	-	-	$976,000	$1,364,098	BEYOND25
577	Haddon Heights Borough	S340877-02	-	-	-	-	-	-	-	-	$100,000	T 200630
577	Haddon Heights Borough	S340877-03	-	-	$722,400	-	-	-	-	$722,400	$953,580	T 210630
577	Haddon Heights Borough	S340877-04	-	-	$1,579,010	-	-	-	-	$1,579,010	$2,052,912	T 210630
577	Haddon Heights Borough	S340877-05	-	-	$3,826,445	-	-	-	-	$3,826,445	$4,974,434	T 210630
582	Emerson Borough	S340497-01	-	-	-	-	-	-	-	-	$100,000	N/A
583	Barrington Borough	S340305-02	-	-	$1,000,000	-	-	-	-	$1,000,000	$1,396,910	BEYOND25
584	Bernardsville Borough	S340816-03	-	-	-	-	-	-	-	-	$1,135,113	BEYOND25
585	Dunellen Borough	S340916-01	-	-	$5,500,000	-	-	-	-	$5,500,000	$7,234,505	BEYOND25
586	Jamesburg Borough	S340224-01	-	-	$796,000	-	-	-	-	$796,000	$1,117,248	BEYOND25
587	Union Beach Borough	S340278-01	-	-	$1,700,000	-	-	-	-	$1,700,000	$2,317,315	BEYOND25
588	Prospect Park Borough	S340186-01	-	-	$500,000	-	-	-	-	$500,000	$708,917	BEYOND25
589	Lopatcong Township	S340264-02	-	-	$2,500,000	-	-	-	-	$2,500,000	$3,340,073	BEYOND25
590	North Arlington-Lyndhurst Joint Meeting	S340426-05	-	-	$3,527,000	-	-	-	-	$3,527,000	$4,688,749	BEYOND25
590	North Arlington-Lyndhurst Joint Meeting	S340426-06	-	-	$150,000	-	-	-	-	$150,000	$218,940	BEYOND25
592	Rochelle Park Township	S340310-01	-	-	$1,653,920	-	-	-	-	$1,653,920	$2,255,626	BEYOND25
593	Somerdale Borough	S340338-04	-	-	$310,000	-	-	-	-	$310,000	$444,422	BEYOND25
594	Spring Lake Heights Borough	S340840-01	-	-	$111,000	-	-	-	-	$111,000	$163,328	BEYOND25
595	Morris Plains Borough	S340330-01	-	-	$335,000	-	-	-	-	$335,000	$479,390	BEYOND25
596	Neptune City Borough	S340106-02	-	-	$300,000	-	-	-	-	$300,000	$430,399	BEYOND25
597	Highlands Borough	S340901-01	-	-	$622,000	-	-	-	-	$622,000	$877,696	BEYOND25
598	Franklin Borough	S340129-01	-	-	$2,000,000	-	-	-	-	$2,000,000	$2,718,518	BEYOND25
599	Mount Arlington Borough	S340451-05	-	-	-	-	-	-	-	-	$212,785	N/A
600	Highlands Borough	S340901-02	-	-	$100,000	-	-	-	-	$100,000	$147,540	BEYOND25
600	Highlands Borough	S340901-05	-	-	$3,427,500	-	-	-	-	$3,427,500	$5,411,863	T 210630
602	Penns Grove Borough	S340502-05	-	-	$800,000	-	-	-	-	$800,000	$1,122,734	BEYOND25

STATE OF NEW JERSEY FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
603	Roseland Borough	S340361-01	-	-	$83,850	-	-	-	-	$83,850	$123,712	BEYOND25
604	Harrison Township	S340362-01	$450,000	-	$1,875,000	-	-	-	-	$2,325,000	$3,125,171	BEYOND25
605	Buena Borough Municipal Utilities Authority	S340518-06	-	-	$1,000,000	-	-	-	-	$1,000,000	$1,298,000	N/A
606	Sayreville Borough	S340326-07	-	-	-	$5,350,000	-	-	-	$5,350,000	$7,049,396	BEYOND25
607	Bradley Beach Borough	S340472-01	-	-	$1,972,400	-	-	-	-	$1,972,400	$2,623,450	N/A
608	Flemington Borough	S340440-04	-	-	$1,200,000	-	-	-	-	$1,200,000	$1,645,877	BEYOND25
609	Medford Lakes Borough	S340319-01	-	-	$200,000	-	-	-	-	$200,000	$289,789	BEYOND25
610	Medford Lakes Borough	S340319-03	-	-	$7,940,000	-	-	-	-	$7,940,000	$10,610,800	T 210630
611	Delaware Township Municipal Utilities Authority	S340917-02	-	-	$300,000	-	-	-	-	$300,000	$430,399	BEYOND25
612	Mendham Borough	S340159-03	-	-	$2,396,300	-	-	-	-	$2,396,300	$3,154,960	T 210630
613	Lambertville Municipal Utilities Authority	S340882-08	-	-	$7,860,000	-	-	-	-	$7,860,000	$11,620,000	BEYOND25
613	Lambertville Municipal Utilities Authority	S340882-10	-	-	$475,000	-	-	-	-	$475,000	$621,500	N/A
615	Merchantville Borough	S340367-03	-	-	$570,000	-	-	-	-	$570,000	$805,887	BEYOND25
616	High Bridge Borough	S340842-01	-	-	$160,000	-	-	-	-	$160,000	$233,167	BEYOND25
617	Stanhope Borough	S340504-02	-	-	$175,000	-	-	-	-	$175,000	$254,421	BEYOND25
618	Pohatcong Township	S340109-01	-	-	$498,215	-	-	-	-	$498,215	$706,449	BEYOND25
619	Hamburg Borough	S340149-03	-	-	-	-	-	-	-	-	$85,000	N/A
620	Delanco Sewerage Authority	S340956-02	-	-	$1,355,165	-	-	-	-	$1,355,165	$1,854,848	BEYOND25
621	Long Beach Township	S340023-07	-	-	$3,300,000	-	-	-	-	$3,300,000	$4,486,000	T 200630
621	Long Beach Township	S340023-08	-	-	$100,000	-	-	-	-	$100,000	$120,001	T 210630
624	Woodbury Heights Borough	S340257-02	-	-	$1,345,000	-	-	-	-	$1,345,000	$1,841,186	BEYOND25
625	Sea Isle City	S340659-01	-	-	$470,000	-	-	-	-	$470,000	$667,397	BEYOND25
626	Moonachie Borough	S340970-02	-	$160,000	$70,000	-	-	-	-	$230,000	$332,158	BEYOND25
627	Woodlynne Borough	S340849-01	-	-	$3,203,000	-	-	-	-	$3,203,000	$4,264,056	BEYOND25
628	Alpha Borough	S340324-01	-	-	$450,000	-	-	-	-	$450,000	$639,645	BEYOND25
629	Avon By The Sea Borough	S340335-01	-	-	$2,782,050	-	-	$200,000	-	$2,982,050	$3,973,856	BEYOND25
630	Lavallette Borough	S340966-03	-	-	$1,856,130	-	-	-	-	$1,856,130	$2,526,304	BEYOND25
631	Lavallette Borough	S340966-02	-	-	$300,000	-	-	-	-	$300,000	$430,399	BEYOND25
632	Borough of Wenonah	S340531-01	-	-	$1,000,000	-	-	-	-	$1,000,000	$1,330,000	T 210630
633	Weymouth Township Municipal Utilities Authority	S340713-02	-	-	$400,000	-	-	-	-	$400,000	$570,013	BEYOND25
634	Sussex Borough	S340155-02	-	-	$360,000	-	-	-	-	$360,000	$522,000	BEYOND25
635	Peapack Gladstone Borough	S340822-01	-	-	$85,000	-	-	-	-	$85,000	$125,409	BEYOND25
636	Wyckoff Township	S340738-03	-	-	-	$11,220,000	-	-	-	$11,220,000	$14,494,384	BEYOND25
637	Allentown Borough	S340567-04	$175,000	-	$225,000	-	-	-	-	$400,000	$570,013	BEYOND25
638	Deal Borough	S340412-08	-	-	$900,000	-	-	-	-	$900,000	$1,259,960	BEYOND25
639	Island Heights Borough	S340176-01	-	-	$272,900	-	-	-	-	$272,900	$392,454	BEYOND25
639	Island Heights Borough	S340176-02	-	-	$69,370	-	-	-	-	$69,370	$102,348	BEYOND25
641	Seaside Park Borough	S340083-04	-	-	$3,300,000	-	-	-	-	$3,300,000	$3,960,000	T 210630
642	Bay Head Borough	S340590-02	-	-	$1,635,000	-	-	-	-	$1,635,000	$2,230,279	BEYOND25
643	Ship Bottom Borough	S340311-03	-	-	$2,750,000	-	-	-	-	$2,750,000	$3,760,000	N/A
643	Ship Bottom Borough	S340311-05	-	-	$3,694,488	-	-	-	-	$3,694,488	$4,558,386	T 210630
645	Lebanon Borough Sewer Authority	S340509-02	-	-	$141,650	-	-	-	-	$141,650	$207,090	BEYOND25
646	Mansfield Township	S340935-02	-	-	$100,000	-	-	-	-	$100,000	$147,540	BEYOND25
647	Roosevelt Borough	S340761-02	-	-	$1,100,000	-	-	-	-	$1,100,000	$1,522,661	BEYOND25
648	Fieldsboro Borough	S340522-01	-	-	-	-	-	-	-	-	$110,150	T 200630
649	Willingboro Municipal Utilities Authority	S340132-10	-	-	-	-	-	-	-	-	-	T 210630

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

STATE OF NEW JERSEY FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
650	Passaic Valley Sewerage Commission	S340689-45	-	-	-	-	-	-	-	-	$1,324,808	N/A
650	Passaic Valley Sewerage Commission	S340689-46	-	-	-	-	-	-	-	-	$1,936,731	T 200630
652	Passaic Valley Sewerage Commission	S340683-05	$100,000,000	-	-	-	-	-	-	$100,000,000	$132,505,940	BEYOND25
652	Passaic Valley Sewerage Commission	S340689-06	$50,000,000	-	-	-	-	-	-	$50,000,000	$63,223,700	BEYOND25
652	Passaic Valley Sewerage Commission	S340689-27	$11,400,000	-	-	-	-	-	-	$11,400,000	$14,713,119	BEYOND25
655	Gloucester County Utilities Authority	S340902-17	$8,527,000	-	-	-	-	-	-	$8,527,000	$9,784,160	T 210630
656	Camden City	S340366-02	$470,000	-	-	-	-	-	-	$470,000	$667,397	BEYOND25
657	Asbury Park City	S340883-01	$527,000	-	-	-	-	-	-	$527,000	$746,386	BEYOND25
658	Newark City	S340815-18	-	-	-	-	-	$1,200,000	-	$1,200,000	$1,645,877	BEYOND25
659	Long Branch Sewerage Authority	S340820-03	$2,824,000	-	-	-	-	-	-	$2,824,000	$3,766,422	BEYOND25
660	Gloucester County Utilities Authority	S340902-13	$10,800,000	-	-	-	-	-	-	$10,800,000	$13,982,306	BEYOND25
661	Bergen County Utilities Authority	S340687-05	$29,802,000	-	-	-	-	-	-	$29,802,000	$37,834,533	BEYOND25
662	Joint Meeting of Essex & Union Counties	S340686-03	$15,000,000	-	-	-	-	-	-	$15,000,000	$19,257,315	BEYOND25
663	Burlington County	S340818-04	$6,000,000	-	-	-	-	-	-	$6,000,000	$7,846,596	BEYOND25
665	Hudson County Improvement Authority	S340399-15	$15,603,000	-	-	-	-	-	-	$15,603,000	$20,024,455	BEYOND25
666	Hudson County Improvement Authority	S340900-01	-	-	-	$21,091,000	-	-	-	$21,091,000	$26,962,839	BEYOND25
667	Atlantic County Utilities Authority	S340405-04	$15,275,000	-	-	-	-	-	-	$15,275,000	$19,607,239	BEYOND25
669	Cape May County Municipal Utilities Authority	S340661-06	$9,457,000	-	-	-	-	-	-	$9,457,000	$12,302,395	BEYOND25
669	Cape May County Municipal Utilities Authority	S340661-09	$267,000	-	-	-	-	-	-	$267,000	$384,168	BEYOND25
671	Neptune Township Sewerage Authority	S340410-09	$10,000,000	-	-	-	-	-	-	$10,000,000	$13,000,360	BEYOND25
672	Mount Holly Municipal Utilities Authority	S340819-02	$3,920,000	-	-	-	-	-	-	$3,920,000	$5,203,507	BEYOND25
673	Milford Borough	S340805-02	$2,604,000	-	$456,000	-	-	-	-	$3,060,000	$4,076,260	BEYOND25
674	North Wildwood City	S340663-08	-	-	-	-	-	$16,969,000	-	$16,969,000	$21,916,520	BEYOND25
675	Milltown Borough	S340102-05	-	-	-	-	-	$10,300,000	-	$10,300,000	$13,726,000	T 210630
676	Jersey City Redevelopment Agency	S340119-01	-	-	-	-	-	$2,224,760	-	$2,224,760	$3,000,793	BEYOND25
677	West Milford Township	S340701-10	-	-	-	-	-	-	$200,000	$200,000	$289,789	BEYOND25
678	Manasquan Borough	S340450-02	-	-	-	-	-	$3,315,000	-	$3,315,000	$4,505,800	T 210630
679	Alloway Township	S340965-01	-	-	-	$7,640,000	-	-	-	$7,640,000	$9,963,124	BEYOND25
680	Stafford Township	S340946-02	-	-	-	$6,100,000	-	-	-	$6,100,000	$7,975,913	BEYOND25
681	Bridgewater Township	S340638-03	-	-	$52,000	$1,615,000	-	-	-	$1,667,000	$2,273,143	BEYOND25
682	West Wildwood Borough	S340626-04	-	-	-	$37,400	-	-	-	$37,400	$55,180	BEYOND25
683	Raritan Borough	S340781-03	-	-	-	$387,000	-	-	-	$387,000	$551,932	BEYOND25
684	Plumsted Township	S340607-03	-	$4,726,000	-	$8,333,528	-	-	-	$13,059,528	$16,789,494	N/A
685	Hammonton Town	S340927-03	-	-	-	$3,752,000	-	-	-	$3,752,000	$4,983,647	BEYOND25
686	Middlesex County Utilities Authority	S340699-11	$17,250,000	-	-	-	-	-	-	$17,250,000	$22,117,020	BEYOND25
687	Atlantic County Utilities Authority	S340809-14	-	$3,520,000	-	-	-	-	-	$3,520,000	$4,679,566	BEYOND25
688	Atlantic County Utilities Authority	S340809-11	-	$5,800,000	-	-	-	-	-	$5,800,000	$7,602,671	BEYOND25
689	Cape May County Municipal Utilities Authority	S340661-07	$1,691,303	-	-	-	-	-	-	$1,691,303	$2,305,676	BEYOND25
690	Old Bridge Municipal Utilities Authority	S340945-04	-	-	-	$25,990,000	-	-	-	$25,990,000	$33,032,119	BEYOND25
691	Wayne Township	S340929-01	-	-	-	$1,360,000	-	-	-	$1,360,000	$1,861,346	BEYOND25
692	New Brunswick City	S340437-03	-	-	$675,000	-	-	-	-	$675,000	$950,799	BEYOND25
693	Galloway Township	S340892-02	-	-	-	$4,300,000	-	-	-	$4,300,000	$5,700,971	BEYOND25
694	Winslow Township	S340895-02	-	-	-	$2,003,045	-	-	-	$2,003,045	$2,722,374	BEYOND25
695	Voorhees Township	S340875-01	-	-	-	$4,246,200	-	-	-	$4,246,200	$5,630,570	BEYOND25
696	Freehold Township	S340304-01	-	-	-	$3,678,000	-	-	-	$3,678,000	$4,886,714	BEYOND25
697	Gloucester County Utilities Authority	S340526-03	$1,310,000	$562,000	-	$281,000	-	-	-	$2,153,000	$2,911,180	BEYOND25

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Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
698	Raritan Township Municipal Utilities Authority	S340485-04	$6,570,000	-	-	-	-	-	-	$6,570,000	$8,583,061	BEYOND25
699	South Brunswick Township	S340897-01	-	-	-	$896,000	-	-	-	$896,000	$1,254,485	BEYOND25
700	Rockaway Township	S340478-05	$5,549,000	-	-	$8,077,000	-	-	-	$13,626,000	$17,510,632	BEYOND25
701	Maple Shade Township	S340710-03	$347,526	-	-	-	-	-	-	$347,526	$496,861	BEYOND25
702	Montville Township	S340931-02	-	-	-	$12,820,000	-	-	-	$12,820,000	$16,484,390	BEYOND25
702	Montville Township	S340931-04	-	-	-	$2,284,443	-	-	-	$2,284,443	$2,767,332	T 210630
704	Manchester Township	S340650-03	-	-	-	$6,872,000	-	-	-	$6,872,000	$8,972,628	BEYOND25
705	North Arlington Borough	S340959-02	-	-	-	$500,000	-	-	-	$500,000	$708,917	BEYOND25
706	Bernards Township Sewerage Authority	S340382-02	-	-	-	$380,000	-	-	-	$380,000	$542,184	BEYOND25
707	Gloucester County Utilities Authority	S340461-04	-	-	-	$5,481,000	-	-	-	$5,481,000	$7,211,095	BEYOND25
708	Oakland Borough	S340418-05	-	-	-	$32,200,000	-	-	-	$32,200,000	$40,854,622	BEYOND25
709	Vernon Township	S340745-02	-	-	-	$5,050,000	-	-	-	$5,050,000	$6,677,126	BEYOND25
710	Wanaque Borough	S340434-02	-	-	-	$212,000	-	-	-	$212,000	$306,771	BEYOND25
711	Mahwah Township	S340592-03	-	-	$182,000	$6,862,000	-	-	-	$7,044,000	$9,194,418	BEYOND25
712	Wantage Township	S340760-03	-	-	-	$402,000	-	-	-	$402,000	$572,805	BEYOND25
713	Chatham Township	S340403-05	$500,000	-	-	-	-	-	-	$500,000	$708,917	BEYOND25
714	Bloomingdale Borough	S340634-03	-	-	-	$2,842,000	-	-	-	$2,842,000	$3,790,064	BEYOND25
715	Upper Saddle River Borough	S340909-01	-	-	-	$991,000	-	-	-	$991,000	$1,384,609	BEYOND25
716	Long Hill Township	S340404-05	-	-	-	$11,221,000	-	-	-	$11,221,000	$14,495,600	BEYOND25
717	Manchester Township	S340650-05	-	-	-	$10,644,000	-	-	-	$10,644,000	$13,791,502	BEYOND25
718	Fairfield Township	S340957-01	-	-	-	$5,582,500	-	-	-	$5,582,500	$7,336,023	BEYOND25
719	Carlstadt Sewerage Authority	S340705-03	-	-	-	$4,026,000	-	-	-	$4,026,000	$5,342,181	BEYOND25
720	Mahwah Township	S340737-01	$158,000	-	-	-	-	-	-	$158,000	$230,325	BEYOND25
721	Sussex County Municipal Utilities Authority	S340759-02	$4,500,000	$100	-	$1,000,000	-	-	-	$5,500,100	$7,234,628	BEYOND25
722	Wharton Borough	S340489-03	-	-	-	$421,000	-	-	-	$421,000	$599,302	BEYOND25
723	Berlin Township	S340790-02	-	-	-	$600,000	-	-	-	$600,000	$847,274	BEYOND25
724	Frankford Township	S340742-02	-	-	-	$2,007,000	-	-	-	$2,007,000	$2,727,380	BEYOND25
725	Blairstown Township	S340568-02	-	-	-	$1,092,000	-	-	-	$1,092,000	$1,512,694	BEYOND25
726	Riverdale Borough	S340729-01	-	-	-	$1,273,000	-	-	-	$1,273,000	$1,744,301	BEYOND25
727	Mahwah Township	S340592-06	-	-	$275,000	$3,896,000	-	-	-	$4,171,000	$5,532,128	BEYOND25
728	North Bergen Municipal Utilities Authority	S340652-06	-	-	-	$3,000,000	-	-	-	$3,000,000	$3,997,392	BEYOND25
729	Oxford Township	S340445-02	-	-	-	$125,000	-	-	-	$125,000	$183,343	BEYOND25
730	Evesham Municipal Utilities Authority	S340838-01	$2,747,000	-	-	-	-	-	-	$2,747,000	$3,665,234	BEYOND25
731	Kinnelon Borough	S340487-02	-	-	-	$7,641,000	-	-	-	$7,641,000	$9,964,412	BEYOND25
732	Hope Township	S340872-01	$356,000	-	-	-	-	-	-	$356,000	$508,696	BEYOND25
733	Pequannock Township	S340480-06	-	-	-	$7,152,000	-	-	-	$7,152,000	$9,333,821	BEYOND25
734	Washington Township	S340930-01	-	-	-	$2,496,000	-	-	-	$2,496,000	$3,335,192	BEYOND25
735	Manchester Township	S340650-06	-	-	-	$2,500,000	-	-	-	$2,500,000	$3,340,073	BEYOND25
736	Upper Township	S340619-03	-	-	-	$1,707,000	-	-	-	$1,707,000	$2,326,681	BEYOND25
737	Pequannock Township	S340480-05	-	-	-	$4,838,000	-	-	-	$4,838,000	$6,403,679	BEYOND25
738	Branchville Borough	S340740-02	-	-	-	$1,900,000	-	-	-	$1,900,000	$2,584,971	BEYOND25
739	Southampton Township	S340961-01	-	-	-	$1,806,000	-	-	-	$1,806,000	$2,459,208	BEYOND25
740	Shamong Township	S340831-01	$1,988,000	-	-	-	-	-	-	$1,988,000	$2,702,506	BEYOND25
741	Millstone Borough	S340271-01	-	-	-	$2,500,000	-	-	-	$2,500,000	$3,340,073	BEYOND25
742	Plainsboro Township	S340836-01	-	-	-	$1,530,000	-	-	-	$1,530,000	$2,089,419	BEYOND25
743	Clayton Borough	S340918-01	-	-	-	$829,026	-	-	-	$829,026	$1,162,637	BEYOND25

STATE OF NEW JERSEY FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
744	Pennsville Sewerage Authority	S340870-01	-	-	-	$1,581,000	-	-	-	$1,581,000	$2,157,878	BEYOND25
745	Buena Borough Municipal Utilities Authority	S340833-01	$509,000	-	-	-	-	-	-	$509,000	$721,415	BEYOND25
746	Pequannock Township	S340480-03	-	-	-	$1,200,000	-	-	-	$1,200,000	$1,645,877	BEYOND25
747	Lincoln Park Borough	S340594-02	-	-	-	$3,189,000	-	-	-	$3,189,000	$4,245,681	BEYOND25
748	Woodbridge Township	S340433-08	-	-	-	$25,000	-	-	-	$25,000	$36,885	BEYOND25
749	Hackensack City	S340923-15	-	-	-	-	-	-	-	-	$1,600,000	T 210630
750	Woolwich Township	S340432-01	-	-	-	$10,970,600	-	-	-	$10,970,600	$15,092,956	T 210630
751	Passaic Valley Sewerage Commission	S340689-17	-	-	-	-	-	$2,268,000	-	$2,268,000	$3,054,560	BEYOND25
752	Camden County Municipal Utilities Authority	S340640-26	-	-	-	-	-	-	$21,500,000	$21,500,000	$26,600,000	T 210630
753	Camden City	S340366-11	-	-	-	-	-	$1,500,000	-	$1,500,000	$2,049,114	BEYOND25
754	Hoboken City	S340635-03	-	-	-	-	-	$50,000	-	$50,000	$73,770	BEYOND25
755	Berkeley Township	S340969-11	-	-	-	-	-	$275,400	-	$275,400	$395,962	BEYOND25
756	Atlantic City	S340439-01	-	-	-	-	-	$14,664,345	-	$14,664,345	$18,830,939	BEYOND25
756	Atlantic City	S340439-02	-	-	-	-	-	$6,784,000	-	$6,784,000	$8,859,157	BEYOND25
756	Atlantic City	S340439-03	-	-	-	-	-	$1,828,000	-	$1,828,000	$2,488,662	BEYOND25
759	Manchester Township	S340650-07	-	-	-	-	-	$350,000	-	$350,000	$500,308	BEYOND25
760	Bernards Township	S340382-04	-	-	-	-	-	$1,410,000	-	$1,410,000	$1,928,489	BEYOND25
761	Secaucus Town	S340029-03	-	-	-	-	$1,650,000	-	-	$1,650,000	$2,250,375	BEYOND25
761	Secaucus Town	S340029-04	-	-	-	-	-	$1,731,340	-	$1,731,340	$2,359,234	BEYOND25
763	Asbury Park City	S340883-07	-	-	-	-	-	$500,000	-	$500,000	$708,917	BEYOND25
764	Richard Stockton College	S340146-01	-	-	-	-	-	$420,000	-	$420,000	$597,909	BEYOND25
764	Richard Stockton College	S340146-02	-	-	-	-	-	$2,230,000	-	$2,230,000	$3,007,318	BEYOND25
764	Richard Stockton College	S340146-03	-	-	-	-	-	$21,000,000	-	$21,000,000	$26,849,966	BEYOND25
767	Belmar Borough	S340209-02	-	-	-	-	-	$403,000	-	$403,000	$574,201	BEYOND25
771	Cranbury Township	S340506-02	-	-	-	$2,700,000	-	-	-	$2,700,000	$3,603,428	BEYOND25
772	Greenwich Township	S340359-02	-	-	-	$1,700,000	-	-	-	$1,700,000	$2,200,000	BEYOND25
773	Mount Holly Municipal Utilities Authority	S340817-02	$1,102,000	-	-	-	-	-	-	$1,102,000	$1,525,150	BEYOND25
774	Gloucester County Utilities Authority	S340902-01	$3,723,000	-	-	-	-	-	-	$3,723,000	$4,945,666	BEYOND25
775	Somerset Raritan Valley Sewer Authority	S340801-03	$1,054,000	-	-	-	-	-	-	$1,054,000	$1,465,130	BEYOND25
776	Lakewood Township Municipal Utilities Authority	S340465-02	-	-	$3,600,000	-	-	-	-	$3,600,000	$4,320,000	N/A
777	Clifton City	S340844-03	-	-	$3,300,000	-	-	-	-	$3,300,000	$4,391,306	BEYOND25
778	Northwest Bergen County Utilities Authority	S340700-11	-	-	-	$4,850,000	-	-	-	$4,850,000	$6,419,326	BEYOND25
779	Salem County	S340804-03	$5,162,000	-	-	-	-	-	-	$5,162,000	$6,816,427	BEYOND25
780	Parsippany Troy Hills Township	S340886-03	$246,000	-	-	-	-	-	-	$246,000	$354,638	BEYOND25
781	Northwest Bergen County Utilities Authority	S340700-05	$1,683,000	-	-	-	-	-	-	$1,683,000	$2,294,564	BEYOND25
782	Mansfield Township	S340935-03	-	-	-	$8,750,000	-	-	-	$8,750,000	$11,392,714	BEYOND25
783	Plainfield Municipal Utilities Authority	S340240-02	-	-	-	$3,000,000	-	-	-	$3,000,000	$3,997,392	BEYOND25
784	Egg Harbor Township Municipal Utilities Authority	S340753-05	-	-	-	$640,440	-	-	-	$640,440	$903,160	BEYOND25
785	Bridgewater Township	S340638-05	-	-	-	-	-	$557,432	-	$557,432	$788,517	BEYOND25
786	Berkeley Township Sewer Authority	S340969-08	-	-	-	$4,633,812	-	-	-	$4,633,812	$6,137,256	BEYOND25
786	Berkeley Township Sewer Authority	S340969-09	-	-	-	$3,155,818	-	-	-	$3,155,818	$4,202,120	BEYOND25
788	Marlboro Township	S340268-02	-	-	-	$665,000	-	-	-	$665,000	$964,250	T 200630
789	West Orange Township	S340865-01	-	-	$8,466,000	$847,000	-	-	-	$9,313,000	$12,117,146	BEYOND25
790	Manasquan River Regional Sewerage Authority	S340911-02	-	-	-	$3,467,000	-	-	-	$3,467,000	$4,610,126	BEYOND25
791	Hopewell Township	S340282-01	-	-	-	$18,685,618	-	-	-	$18,685,618	$23,940,222	BEYOND25
792	Galloway Township	S340892-09	-	-	-	$675,250	-	-	-	$675,250	$951,143	BEYOND25

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

STATE OF NEW JERSEY FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
793	Cherry Hill Township	S340954-01	-	-	$456,000	$456,000	-	-	-	$912,000	$1,276,427	BEYOND25
794	Pemberton Township Municipal Utilities Authority	S340649-02	$5,000,000	-	$3,500,000	$1,500,000	-	-	-	$10,000,000	$13,000,360	BEYOND25
795	Winslow Township	S340895-04	-	-	-	$1,702,050	-	-	-	$1,702,050	$2,320,058	BEYOND25
795	Winslow Township	S340895-05	-	-	-	$3,600,000	-	-	-	$3,600,000	$4,784,482	BEYOND25
797	Deptford Township Municipal Utilities Authority	S340066-01	-	-	-	$1,223,600	-	-	-	$1,223,600	$1,677,717	BEYOND25
798	Stafford Township	S340946-06	-	-	-	-	-	$1,224,750	-	$1,224,750	$1,679,268	BEYOND25
799	Hamilton Township Municipal Utilities Authority	S340903-02	-	-	-	$2,044,000	-	-	-	$2,044,000	$2,774,147	BEYOND25
800	Cliffside Park Borough	S340847-05	-	-	$2,000,000	-	-	-	-	$2,000,000	$2,718,518	BEYOND25
801	Lower Township Municipal Utilities Authority	S340810-05	-	-	-	$11,347,507	-	-	-	$11,347,507	$15,319,133	T 210630
802	Carteret Borough	S340939-04	-	-	-	$1,650,000	-	-	-	$1,650,000	$2,250,375	BEYOND25
803	Randolph Township	S340632-07	-	-	$3,221,000	$3,550,000	-	-	-	$6,771,000	$8,842,391	BEYOND25
804	Edgewater Borough	S340446-06	-	-	-	$1,617,960	-	-	-	$1,617,960	$2,207,442	BEYOND25
805	Aberdeen Township	S340869-02	-	-	-	$4,938,355	-	$1,500,000	-	$6,438,355	$8,413,107	N/A
806	Montclair State University	S340321-02	-	-	$1,500,000	$3,500,000	-	-	-	$5,000,000	$6,614,815	BEYOND25
807	West Windsor Township	S340491-02	-	-	-	$400,000	-	-	-	$400,000	$570,013	BEYOND25
808	Glassboro Borough	S340545-04	-	-	-	$2,977,660	-	-	-	$2,977,660	$3,968,099	BEYOND25
809	Franklin Township	S340839-03	-	$1,200,000	-	-	-	-	-	$1,200,000	$1,645,877	BEYOND25
810	Mantua Township MUA	S340514-02	-	-	-	$1,146,778	-	-	-	$1,146,778	$1,662,829	T 200630
811	Sparta Township	S340495-04	-	-	-	-	-	-	-	-	$2,821,542	BEYOND25
812	Hackettstown Municipal Utilities Authority	S340803-03	$451,000	-	-	-	-	-	-	$451,000	$641,034	BEYOND25
813	Holmdel Township	S340919-02	-	-	-	$32,050,000	-	-	-	$32,050,000	$40,665,789	BEYOND25
814	Woodland Park Borough	S340203-01	-	-	-	$1,500,000	-	-	-	$1,500,000	$2,049,114	BEYOND25
814	Woodland Park Borough	S340778-05	-	-	-	$517,868	-	-	-	$517,868	$733,721	BEYOND25
816	Waterford Township Municipal Utilities Authority	S340163-01	-	-	-	$2,474,705	-	-	-	$2,474,705	$3,309,185	BEYOND25
817	Harrison Township	S340362-06	$16,630,915	-	-	-	-	-	-	$16,630,915	$21,330,926	BEYOND25
818	Bedminster Township	S340830-01	-	$35,000,000	-	-	-	-	-	$35,000,000	$44,376,955	BEYOND25
819	Bernardsville Borough	S340816-04	-	-	$455,000	-	-	-	-	$455,000	$646,588	BEYOND25
820	Cape May City	S340258-01	-	-	-	$250,000	-	-	-	$250,000	$360,245	BEYOND25
821	Hopewell Township	S340282-02	-	-	-	$2,603,110	-	-	-	$2,603,110	$3,475,917	BEYOND25
822	Salem City	S340235-02	-	-	-	-	-	$1,119,000	-	$1,119,000	$1,546,267	BEYOND25
823	Wildwood City	S340664-04	-	-	-	-	-	$9,500,000	-	$9,500,000	$12,357,700	BEYOND25
824	Wildwood City	S340664-02	-	-	-	-	-	$1,831,000	-	$1,831,000	$2,492,677	BEYOND25
825	North Wildwood City	S340663-05	-	-	-	-	-	$1,314,850	-	$1,314,850	$1,800,638	BEYOND25
826	Buena Borough Municipal Utilities Authority	S340518-05	-	-	-	$3,942,400	-	-	-	$3,942,400	$5,232,801	BEYOND25
827	Woodbine Borough	S340370-01	-	$6,212,500	-	$3,500,000	-	-	-	$9,712,500	$12,630,925	BEYOND25
828	Weymouth Township Municipal Utilities Authority	S340078-01	-	-	$162,525	-	-	-	-	$162,525	$236,752	BEYOND25
829	Greenwich Township	S340359-01	-	$7,600,000	-	$1,000,000	-	-	-	$8,600,000	$11,199,679	BEYOND25
830	Cumberland County	S340438-01	-	-	$12,000,000	-	-	-	-	$12,000,000	$15,693,192	T 210630
830	Cumberland County	S340438-03	-	-	-	$12,000,000	-	-	-	$12,000,000	$15,875,000	N/A
832	Chester Borough	S340876-02	$718,000	$132,000	-	-	-	-	-	$850,000	$1,191,434	BEYOND25
833	Commercial Township	S340955-01	$4,200,000	-	-	$2,854,000	-	-	-	$7,054,000	$9,207,328	BEYOND25
834	Pemberton Township Municipal Utilities Authority	S340649-04	-	-	-	-	-	-	$880,000	$880,000	$1,232,571	BEYOND25
835	Little Egg Harbor Township	S340579-04	-	-	-	-	-	$1,200,000	-	$1,200,000	$1,714,000	T 210630
836	Delran Sewerage Authority	S340794-06	-	-	-	-	-	$871,000	-	$871,000	$1,220,236	BEYOND25
837	Hopatcong Borough	S340488-06	-	-	-	-	-	$400,000	-	$400,000	$570,013	BEYOND25
838	Cinnaminson Township	S340170-05	-	-	-	-	-	$455,350	-	$455,350	$647,074	BEYOND25

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Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
840	Palmyra Borough	S340030-02	-	-	-	-	-	$238,000	-	$238,000	$343,408	BEYOND25
841	Hightstown Borough	S340915-07	-	-	-	-	-	$335,000	-	$335,000	$479,390	BEYOND25
842	Wildwood City	S340664-05	-	-	-	-	-	-	-	-	$15,183,000	BEYOND25
843	Tuckerton Borough	S340034-04	-	-	$135,000	-	-	-	-	$135,000	$7,708,692	T 210630
844	West Wildwood Borough	S340626-05	-	-	-	-	-	$1,500,000	-	$1,500,000	$1,890,000	T 210630
845	Cranford Township	S340858-04	-	-	-	-	-	$9,062,729	-	$9,062,729	$11,795,031	N/A
846	Cranford Township	S340858-05	-	-	-	-	-	$130,000	-	$130,000	$190,491	BEYOND25
847	Hammonton Town	S340927-04	-	-	-	-	-	$170,000	-	$170,000	$247,348	BEYOND25
848	Ridgefield Park Village	S340688-05	-	-	-	$1,753,511	-	$22,547,658	-	$24,301,169	$30,211,486	T 210630
849	Matawan Borough	S340967-02	-	-	-	-	-	$3,310,000	-	$3,310,000	$4,404,418	BEYOND25
849	Matawan Borough	S340967-03	-	-	-	-	-	$200,000	-	$200,000	$289,789	BEYOND25
851	Dunellen Borough	S340916-03	-	-	-	-	-	$2,916,665	-	$2,916,665	$2,599,998	T 210630
852	New Jersey Water Supply Authority	S340421-01	-	-	-	-	-	-	$44,500,000	$44,500,000	$56,800,000	N/A
853	Monmouth County	S340788-05	-	-	-	-	-	-	$655,000	$655,000	$923,244	BEYOND25
854	Camden County	S340525-01	-	-	-	-	-	$560,000	-	$560,000	$792,068	BEYOND25
854	Camden County	S340525-02	-	-	-	-	-	-	$1,235,097	$1,235,097	$1,693,221	BEYOND25
854	Camden County	S340525-03	-	-	-	-	-	-	$552,498	$552,498	$781,693	BEYOND25
857	Union County	S340280-01	-	-	-	-	-	$3,776,000	-	$3,776,000	$5,015,073	BEYOND25
858	Burlington County Bridge Commission	S340818-05	-	-	-	-	-	$4,500,000	-	$4,500,000	$5,962,475	BEYOND25
859	Newark City	S340815-11	-	-	-	$51,100	-	$23,397,048	-	$23,448,148	$29,876,122	BEYOND25
860	Atlantic County	S340156-01	-	-	-	-	-	$814,000	-	$814,000	$1,141,988	BEYOND25
861	Atlantic County Utilities Authority	S340809-19	-	-	-	-	-	$1,100,000	-	$1,100,000	$1,522,661	BEYOND25
861	Atlantic County Utilities Authority	S340809-20	-	-	-	-	-	$400,000	-	$400,000	$570,013	BEYOND25
863	Toms River Township	S340145-02	-	-	-	-	-	$750,000	-	$750,000	$1,054,062	BEYOND25
864	Clifton City	S340844-04	-	-	-	-	-	$1,715,000	-	$1,715,000	$2,337,382	BEYOND25
865	Middletown Township	S340097-01	-	-	-	-	-	$3,000,000	-	$3,000,000	$3,997,392	BEYOND25
865	Middletown Township	S340097-03	-	-	-	-	-	-	-	-	$147,540	BEYOND25
867	Old Bridge Township	S340945-12	-	-	-	-	-	$10,000,000	-	$10,000,000	$13,000,360	BEYOND25
868	Gloucester Township	S340364-11	-	-	-	-	-	$1,058,571	-	$1,058,571	$1,470,871	T 200630
868	Gloucester Township	S340364-15	-	-	-	-	-	$1,017,924	-	$1,017,924	$1,369,058	T 200630
870	Plainfield Municipal Utilities Authority	S340240-06	-	-	-	-	-	$6,000,000	$3,000,000	$9,000,000	$11,675,000	T 210630
871	Plainfield City	S340240-01	-	-	-	-	-	$70,000	-	$70,000	$103,278	BEYOND25
871	Plainfield City	S340240-03	-	-	-	-	-	$961,125	-	$961,125	$1,343,743	BEYOND25
871	Plainfield City	S340240-05	-	-	-	-	-	$41,000	-	$41,000	$60,491	BEYOND25
874	Evesham Municipal Utilities Authority	S340838-06	-	-	-	-	-	$1,500,000	-	$1,500,000	$2,110,000	T 210630
875	Berkeley Township	S340969-10	-	-	-	-	-	$644,525	-	$644,525	$773,430	BEYOND25
875	Berkeley Township	S340969-12	-	-	-	-	-	$487,000	-	$487,000	$706,150	T 210630
877	Mount Laurel Township	S340943-04	-	-	-	-	-	$8,000,000	-	$8,000,000	$10,426,744	BEYOND25
878	Galloway Township	S340892-07	-	-	-	-	-	$503,985	-	$503,985	$714,452	BEYOND25
879	Neptune Township	S340410-06	-	-	-	-	-	$500,000	-	$500,000	$708,917	BEYOND25
879	Neptune Township	S340410-07	-	-	-	-	-	$4,000,000	-	$4,000,000	$5,308,104	BEYOND25
879	Neptune Township	S340410-08	-	-	-	-	-	$1,000,000	-	$1,000,000	$1,396,910	BEYOND25
882	Ewing Township	S340397-01	-	-	-	-	-	-	$325,000	$325,000	$465,419	BEYOND25
882	Ewing Township	S340397-03	-	-	-	-	-	$126,400	-	$126,400	$185,346	BEYOND25
884	Monroe Township	S340423-04	-	-	-	-	-	$220,000	-	$220,000	$318,067	BEYOND25
885	Marlboro Township	S340268-01	-	-	-	-	-	$7,300,000	-	$7,300,000	$9,524,777	BEYOND25

Cat 1 -Secondary/Sludge/Septage Treatment
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Cat 7 -Nonpoint Source Mgmt

STATE OF NEW JERSEY FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
886	Rahway City	S340546-03	-	-	-	-	$538,000	$531,000	-	$1,069,000	$1,483,949	BEYOND25
887	Ocean Township	S340750-04	-	-	-	-	-	$855,000	-	$855,000	$1,198,294	BEYOND25
888	Maplewood Township	S340283-02	-	-	-	-	-	$4,130,500	-	$4,130,500	$5,479,091	BEYOND25
889	Lower Township	S340810-04	-	-	-	-	-	$3,231,310	-	$3,231,310	$3,877,572	BEYOND25
890	Carteret Borough	S340939-08	-	-	-	-	-	$1,000,000	-	$1,000,000	$1,396,910	BEYOND25
892	Medford Township	S340346-02	-	-	-	-	-	$3,600,000	-	$3,600,000	$4,784,482	BEYOND25
893	Hazlet Township	S340968-02	-	-	-	-	-	$290,000	-	$290,000	$416,419	BEYOND25
893	Hazlet Township	S340968-03	-	-	-	-	-	$95,000	-	$95,000	$140,163	BEYOND25
893	Hillside Township	S340906-04	-	-	-	$222,850	-	$305,500	-	$528,350	$748,257	BEYOND25
896	Mount Olive Township	S340537-05	-	-	-	-	-	$904,823	-	$904,823	$1,266,579	BEYOND25
897	Dumont Borough	S340922-05	-	-	-	-	-	$3,600,000	-	$3,600,000	$4,784,482	BEYOND25
898	Princeton	S340656-10	-	-	-	-	-	$1,198,675	-	$1,198,675	$2,068,160	BEYOND25
900	Berkeley Heights Township	S340385-03	-	-	-	-	-	$350,000	-	$350,000	$500,308	BEYOND25
901	Highland Park Borough	S340938-02	-	-	-	-	-	$335,000	-	$335,000	$479,390	BEYOND25
902	Ringwood Borough	S340157-01	-	-	-	-	-	$325,000	-	$325,000	$465,419	BEYOND25
903	New Providence Borough	S340474-01	-	-	-	-	-	$150,000	-	$150,000	$180,000	BEYOND25
904	Hasbrouck Heights Borough	S340329-02	-	-	-	-	-	$5,000,000	-	$5,000,000	$6,614,815	BEYOND25
905	Beachwood Borough	S340208-01	-	-	-	-	-	$290,000	-	$290,000	$416,419	BEYOND25
906	Waterford Township	S340163-02	-	-	-	-	-	$350,000	-	$350,000	$500,308	BEYOND25
907	Little Falls Township	S340716-05	-	-	-	-	-	$882,500	-	$882,500	$1,235,996	BEYOND25
907	Little Falls Township	S340716-06	-	-	-	-	-	$830,000	-	$830,000	$1,163,975	BEYOND25
909	Somers Point City	S340618-02	-	-	-	-	-	$3,920,000	-	$3,920,000	$5,203,507	BEYOND25
909	Somers Point City	S340618-03	-	-	-	-	-	$800,000	-	$800,000	$1,122,734	BEYOND25
909	Somers Point City	S340618-04	-	-	-	-	-	$750,500	-	$750,500	$1,054,749	BEYOND25
912	Mount Holly Township	S340817-05	-	-	-	-	-	$115,000	-	$115,000	$169,048	BEYOND25
914	Keansburg Borough	S340118-03	-	-	-	-	-	$1,350,000	-	$1,350,000	$1,847,907	BEYOND25
915	Brigantine City	S340827-05	-	-	-	-	-	$3,322,017	-	$3,322,017	$4,420,173	T 210630
915	Brigantine City	S340827-06	-	-	-	-	-	$618,792	-	$618,792	$873,263	T 210630
918	River Vale Township	S340188-01	-	-	-	-	-	$850,000	-	$850,000	$1,191,434	BEYOND25
919	Millstone Township	S340126-01	-	-	-	-	-	$250,000	-	$250,000	$360,245	BEYOND25
920	Byram Township	S340569-03	-	-	-	-	-	$150,000	-	$150,000	$218,940	BEYOND25
920	Byram Township	S340569-04	-	-	-	-	-	$127,500	-	$127,500	$186,919	BEYOND25
922	Edgewater Park Township	S340166-01	-	-	-	-	-	$1,500,000	-	$1,500,000	$2,049,114	BEYOND25
923	Boonton Town	S340265-01	-	-	-	-	-	$250,000	-	$250,000	$360,245	BEYOND25
924	Spotswood Borough	S340510-01	-	-	$410,500	-	-	$1,287,265	-	$1,697,765	$2,164,568	N/A
925	Bogota Borough	S340914-02	-	-	-	-	-	$300,000	-	$300,000	$430,399	BEYOND25
925	Bogota Borough	S340914-03	-	-	-	-	-	$5,000,000	-	$5,000,000	$6,614,815	BEYOND25
927	Richard Stockton College	S340146-04	-	-	-	-	-	$857,000	-	$857,000	$1,201,038	BEYOND25
928	Wood-Ridge Borough	S340239-01	-	-	-	-	-	$455,132	-	$455,132	$646,771	BEYOND25
929	Keyport Borough	S340267-01	-	-	-	-	-	$150,000	$100,000	$250,000	$360,245	BEYOND25
930	Cresskill Borough	S340374-01	-	-	-	-	-	$310,000	-	$310,000	$444,422	BEYOND25
931	Westampton Township	S340105-01	-	-	-	-	-	$200,000	-	$200,000	$289,789	BEYOND25
932	Linwood City	S340217-01	-	-	-	-	-	$665,000	-	$665,000	$937,026	BEYOND25
933	Paulsboro Borough	S340164-01	-	-	-	-	-	$1,640,000	-	$1,640,000	$2,236,978	N/A
934	Belmar Borough	S340209-03	-	-	-	-	-	$64,000	-	$64,000	$94,425	BEYOND25
935	Berlin Borough	S340308-01	-	-	-	-	-	$500,000	-	$500,000	$708,917	BEYOND25

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STATE OF NEW JERSEY FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
935	Berlin Borough	S340308-02	-	-	-	$290,000	-	$220,000	-	$510,000	$722,804	BEYOND25
937	Berlin Township	S340790-03	-	-	-	-	-	$942,123	-	$942,123	$1,317,721	BEYOND25
938	Somerdale Borough	S340338-03	-	-	-	-	-	$952,350	-	$952,350	$1,331,729	BEYOND25
939	Englewood Cliffs Borough	S340169-01	-	-	$300,000	-	-	-	-	$300,000	$430,399	BEYOND25
940	Edgewater Borough	S340446-07	-	-	-	-	-	$2,000,000	-	$2,000,000	$2,718,518	BEYOND25
940	Highlands Borough	S340901-03	-	-	-	-	-	$3,230,000	-	$3,230,000	$4,299,487	BEYOND25
940	Highlands Borough	S340901-04	-	-	-	-	-	$552,500	-	$552,500	$781,697	BEYOND25
943	Mendham Borough	S340159-01	-	-	-	-	-	$220,000	-	$220,000	$318,067	BEYOND25
943	Mendham Borough	S340159-02	-	-	-	-	-	-	$132,000	$132,000	$193,346	BEYOND25
945	Roseland Borough	S340361-02	-	-	-	-	-	$1,000,000	-	$1,000,000	$1,396,910	BEYOND25
946	Mount Arlington Borough	S340451-04	-	-	-	-	-	$91,000	-	$91,000	$134,261	BEYOND25
947	Egg Harbor Township	S340856-01	-	-	-	-	-	$1,944,104	-	$1,944,104	$2,643,901	BEYOND25
948	Magnolia Borough	S340285-03	-	-	-	$48,000	-	$270,000	-	$318,000	$455,626	BEYOND25
949	Magnolia Borough	S340285-04	-	-	-	-	-	$108,000	-	$108,000	$159,031	BEYOND25
950	Bradley Beach Borough	S340472-02	-	-	-	-	-	$308,600	-	$308,600	$537,008	N/A
951	Medford Lakes Borough	S340319-02	-	-	-	-	-	$250,000	-	$250,000	$360,245	BEYOND25
952	Bethlehem Township	S340210-01	-	-	-	-	-	$75,000	-	$75,000	$110,655	BEYOND25
952	Bethlehem Township	S340210-02	-	-	-	-	-	$280,000	-	$280,000	$402,413	BEYOND25
954	High Bridge Borough	S340842-02	-	-	-	-	-	$110,300	-	$110,300	$162,326	BEYOND25
954	High Bridge Borough	S340842-03	-	-	-	-	-	$5,200,000	-	$5,200,000	$6,863,603	BEYOND25
956	Stanhope Borough	S340504-03	-	-	-	-	-	$100,000	-	$100,000	$147,540	BEYOND25
957	Hamburg Borough	S340149-02	-	-	-	-	-	$400,000	-	$400,000	$570,013	BEYOND25
958	Lawnside Borough	S340263-01	-	-	-	-	-	$132,000	-	$132,000	$193,346	BEYOND25
959	Lavallette Borough	S340966-04	-	-	-	-	-	$282,000	-	$282,000	$405,216	BEYOND25
960	Liberty Township	S340165-01	-	-	-	-	-	$101,000	-	$101,000	$148,979	BEYOND25
960	Riverdale Borough	S340729-02	-	-	-	-	-	$200,000	-	$200,000	$289,789	BEYOND25
962	Avon By The Sea Borough	S340335-02	-	-	-	-	-	$250,000	-	$250,000	$360,245	BEYOND25
963	Pine Beach Borough	S340248-01	-	-	-	-	-	$202,620	-	$202,620	$293,500	BEYOND25
964	Avon By The Sea Borough	S340335-03	-	-	-	-	-	$8,613,000	-	$8,613,000	$12,488,850	BEYOND25
964	Wyckoff Township	S340738-04	-	-	-	-	-	$375,000	-	$375,000	$535,216	BEYOND25
966	Sea Bright Borough	S340077-01	-	-	$100,000	$50,000	-	$2,680,000	-	$2,830,000	$3,774,303	BEYOND25
967	Downe Township	S340438-02	-	-	-	-	-	$12,750,000	-	$12,750,000	$16,395,206	BEYOND25
968	Hampton Borough	S340481-01	-	-	-	-	-	$75,000	-	$75,000	$97,500	BEYOND25
969	Avalon Borough	S340864-02	-	-	-	-	-	$2,400,000	-	$2,400,000	$3,217,620	BEYOND25
970	Teterboro Borough	S340339-01	-	-	-	-	-	$870,473	-	$870,473	$1,219,513	BEYOND25
971	North Hudson Sewer Authority	S340952-36	-	-	-	$740,000	-	-	-	$740,000	$888,000	T 200630
972	Middlesex County Utilities Authority	S342012-02	$3,700,000	-	-	-	-	-	-	$3,700,000	$4,915,537	BEYOND25
973	Newark City	S340815-15	-	-	-	-	$433,250	$1,547,827	$10,555,881	$12,536,958	$16,123,721	BEYOND25
973	Newark City	S340815-23	-	-	-	-	-	$21,375,666	-	$21,375,666	$27,315,736	BEYOND25
975	Jersey City	S343069-01	-	-	-	-	-	-	$10,000,000	$10,000,000	$13,000,360	BEYOND25
976	Cape May County Municipal Utilities Authority	S342017-01	-	-	-	-	-	$678,000	-	$678,000	$954,929	BEYOND25
977	Camden City	S340366-05	-	-	-	-	-	-	$5,000,000	$5,000,000	$6,614,815	BEYOND25
978	Bayonne Local Redevelopment Authority	S342009-01	-	-	-	-	-	-	$2,957,000	$2,957,000	$3,941,003	BEYOND25
979	Hoboken City	S343078-01	-	-	-	-	-	$3,705,000	-	$3,705,000	$4,922,087	BEYOND25
980	Secaucus Town	S342021-01	-	-	-	-	-	-	$16,519,865	$16,519,865	$21,189,858	BEYOND25
981	Clinton Town	S340924-07	-	-	$500,000	-	-	-	-	$500,000	$800,000	N/A

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982	Stafford Township	S343076-01	-	-	-	-	-	-	$5,055,000	$5,055,000	$6,683,353	BEYOND25
983	Princeton	S343008-01	-	-	-	-	-	-	$3,500,000	$3,500,000	$4,653,327	BEYOND25
984	Wildwood Crest Borough	S343041-01	-	-	-	-	-	-	$3,000,000	$3,000,000	$3,997,392	BEYOND25
985	Brick Township	S342018-01	-	-	-	-	-	-	$11,000,000	$11,000,000	$14,226,449	BEYOND25
987	Buena Vista Township	S342023-01	-	-	-	-	-	-	$20,000,000	$20,000,000	$23,530,000	BEYOND25
988	Jersey City Redevelopment Agency	S340928-25	-	-	-	$3,547,397	-	$730,895	-	$4,278,292	$5,647,345	BEYOND25
988	Jersey City Redevelopment Agency	S340928-26	-	-	-	$558,113	$280,000	-	$8,500,000	$9,338,113	$12,326,308	BEYOND25
990	Hudson County Improvement Authority	S340094-01	-	-	-	-	-	$5,000,000	-	$5,000,000	$6,614,815	BEYOND25
991	Bellmawr Borough	S342011-02	-	-	-	-	-	-	$52,490,366	$52,490,366	$66,350,623	BEYOND25
993	Mercer County	S343004-03	-	-	-	-	-	-	$800,000	$800,000	$1,122,734	BEYOND25
994	Gloucester County Improvement Authority	S342016-01	-	-	-	-	-	$993,600	-	$993,600	$1,388,163	BEYOND25
995	Atlantic County Utilities Authority	S342001-03	-	-	-	-	-	-	$29,926,802	$29,926,802	$36,042,396	T 210630
996	Gloucester County Improvement Authority	S343074-01	-	-	-	-	-	-	$1,500,000	$1,500,000	$2,049,114	BEYOND25
997	Atlantic County Utilities Authority	S342001-02	-	-	-	-	-	$4,500,000	-	$4,500,000	$5,962,475	BEYOND25
998	Passaic Valley Water Commission	S342014-01	-	-	-	-	-	$1,200,000	-	$1,200,000	$1,645,877	BEYOND25
999	Sussex County Municipal Utilities Authority	S342008-04	-	-	-	$5,400,000	-	-	-	$5,400,000	$7,403,160	T 200630
1000	Sussex County Municipal Utilities Authority	S342008-01	-	-	-	-	-	-	$1,800,000	$1,800,000	$2,451,173	BEYOND25
1001	Warren County	S343035-01	-	-	-	-	-	$2,374,000	-	$2,374,000	$3,185,630	BEYOND25
1002	Edison Township	S342020-01	-	-	-	-	-	-	$9,000,000	$9,000,000	$11,714,265	BEYOND25
1003	Edison Township	S343027-02	-	-	-	-	-	-	$43,826,580	$43,826,580	$55,475,226	BEYOND25
1004	Hamilton Township	S343051-02	-	-	-	-	-	-	$1,247,000	$1,247,000	$1,709,268	BEYOND25
1005	Brick Township	S343010-02	-	-	-	-	-	-	$3,264,850	$3,264,850	$4,345,207	BEYOND25
1006	Middletown Township	S343021-02	-	-	-	-	-	-	$2,380,000	$2,380,000	$3,193,018	BEYOND25
1007	Old Bridge Township	S343043-02	-	-	-	-	-	$3,000,000	-	$3,000,000	$3,997,392	BEYOND25
1008	Gloucester Township	S343014-01	-	-	-	-	-	-	$949,900	$949,900	$1,328,374	BEYOND25
1009	Plainfield City	S340240-04	-	-	-	-	-	-	$53,500	$53,500	$78,934	BEYOND25
1010	Washington Township	S343044-01	-	-	-	-	-	-	$725,000	$725,000	$1,019,650	BEYOND25
1011	Franklin Township	S343017-01	-	-	-	-	-	-	$16,863,000	$16,863,000	$21,625,688	BEYOND25
1012	Evesham Township	S343023-02	-	-	-	-	-	-	$433,000	$433,000	$616,010	BEYOND25
1013	Sayreville Borough	S343075-01	-	-	-	-	-	-	$25,000,000	$25,000,000	$31,783,125	BEYOND25
1014	Howell Township	S343011-01	-	-	-	-	-	-	$1,500,000	$1,500,000	$2,049,114	BEYOND25
1015	Hackensack City	S343024-01	-	-	-	-	-	-	$519,000	$519,000	$735,292	BEYOND25
1016	Marlboro Township	S343059-01	-	-	-	-	-	-	$3,000,000	$3,000,000	$3,997,392	BEYOND25
1017	Evesham Township	S342003-01	-	-	-	-	-	-	-	-	$2,969,927	BEYOND25
1018	Manalapan Township	S343039-01	-	-	-	-	-	-	$2,600,000	$2,600,000	$3,471,822	BEYOND25
1019	Mount Laurel Township	S343015-01	-	-	-	-	-	-	$3,135,063	$3,135,063	$4,174,867	BEYOND25
1020	Freehold Township	S343018-01	-	-	-	-	-	-	$2,000,000	$2,000,000	$2,718,518	BEYOND25
1021	West Windsor Township	S343005-02	-	-	-	-	-	-	$6,669,950	$6,669,950	$8,712,041	BEYOND25
1022	Burlington Township	S343060-01	-	-	-	-	-	-	$429,317	$429,317	$610,884	BEYOND25
1023	Randolph Township	S343007-01	-	-	-	-	-	-	$8,370,000	$8,370,000	$10,903,537	BEYOND25
1024	Morris Township	S343022-01	-	-	-	-	-	-	$2,000,000	$2,000,000	$2,718,518	BEYOND25
1025	Point Pleasant Borough	S343025-01	-	-	-	-	-	-	$460,950	$460,950	$654,846	BEYOND25
1026	Readington Township	S343034-04	-	-	-	-	-	-	$10,815,000	$10,815,000	$14,000,636	BEYOND25
1027	Clinton Township	S343012-01	-	-	-	-	-	-	$9,605,306	$9,605,306	$12,493,115	BEYOND25
1028	Hanover Township	S343003-01	-	-	-	-	-	-	$9,000,000	$9,000,000	$11,714,265	BEYOND25
1029	Brigantine City	S343042-01	-	-	-	-	-	-	$5,000,000	$5,000,000	$6,614,815	BEYOND25

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

STATE OF NEW JERSEY FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
1030	Oakland Borough	S343070-01	-	-	-	-	-	-	$12,060,900	$12,060,900	$15,516,767	BEYOND25
1031	Burlington County	S343068-01	-	-	-	-	-	-	$52,000	$52,000	$76,721	BEYOND25
1032	Montgomery Township	S343029-01	-	-	-	-	-	-	$3,454,800	$3,454,800	$4,594,151	BEYOND25
1033	River Vale Township	S343064-01	-	-	-	-	-	-	$5,000,000	$5,000,000	$6,614,815	BEYOND25
1034	Chatham Township	S343016-01	-	-	-	-	-	-	$2,000,000	$2,000,000	$2,718,518	BEYOND25
1035	Florham Park Borough	S343001-01	-	-	-	-	-	-	$7,500,000	$7,500,000	$9,782,685	BEYOND25
1036	Bordentown Township	S343036-01	-	-	-	-	-	-	$10,447,500	$10,447,500	$13,550,697	BEYOND25
1037	Byram Township	S343047-01	-	-	-	-	-	-	$1,400,000	$1,400,000	$1,915,067	BEYOND25
1038	Edgewater Park Township	S343038-01	-	-	-	-	-	-	$100,000	$100,000	$147,540	BEYOND25
1039	Milltown Borough	S343052-01	-	-	-	-	-	-	$3,500,000	$3,500,000	$4,653,327	BEYOND25
1040	Allendale Borough	S343067-01	-	-	-	-	-	-	$5,200,000	$5,200,000	$6,863,603	BEYOND25
1041	Mansfield Township	S343040-01	-	-	-	-	-	-	$1,196,250	$1,196,250	$1,641,302	BEYOND25
1042	Plumsted Township	S343019-01	-	-	-	-	-	-	$6,800,000	$6,800,000	$8,879,791	BEYOND25
1043	Fairfield Township	S342004-01	-	-	-	-	-	-	$1,200,000	$1,200,000	$1,645,877	BEYOND25
1044	Point Pleasant Beach Borough	S343073-01	-	-	-	-	-	-	$15,000,000	$15,000,000	$19,257,315	BEYOND25
1045	Millstone Township	S343009-01	-	-	-	-	-	-	$9,000,000	$9,000,000	$11,714,265	BEYOND25
1046	Eastampton Township	S343026-01	-	-	-	-	-	-	$3,000,000	$3,000,000	$3,997,392	BEYOND25
1047	Mendham Township	S343031-01	-	-	-	-	-	-	$4,000,000	$4,000,000	$5,308,104	BEYOND25
1048	East Amwell Township	S343062-01	-	-	-	-	-	$350,200	-	$350,200	$500,588	BEYOND25
1049	Cape May City	S343045-01	-	-	-	-	-	-	$4,000,000	$4,000,000	$5,308,104	BEYOND25
1050	High Bridge Borough	S343072-02	-	-	-	-	-	-	$4,200,000	$4,200,000	$5,570,096	BEYOND25
1051	Mine Hill Township	S343053-01	-	-	-	-	-	-	$1,000,000	$1,000,000	$1,396,910	BEYOND25
1052	National Park Borough	S342019-01	-	-	-	-	-	-	$9,675,600	$9,675,600	$12,583,490	BEYOND25
1053	Peapack Gladstone Borough	S343049-01	-	-	-	-	-	-	$750,000	$750,000	$1,054,062	BEYOND25
1054	Estell Manor City	S342002-01	-	-	-	-	-	-	$1,140,000	$1,140,000	$1,572,251	BEYOND25
1055	Trenton City	S340416-13	-	-	-	-	-	$7,740,000	-	$7,740,000	$10,091,960	BEYOND25
1056	Camden Redevelopment Agency	S340044-01	-	-	-	-	-	$100,000,000	-	$100,000,000	$172,309,961	BEYOND25
1057	Bayonne Local Redevelopment Authority	S340051-05	-	-	-	-	-	$1,800,000	-	$1,800,000	$2,451,173	BEYOND25
1057	Bayonne Local Redevelopment Authority	S340051-06	-	-	-	-	-	$2,600,000	-	$2,600,000	$3,471,822	BEYOND25
1057	Bayonne Local Redevelopment Authority	S340051-07	-	-	-	-	-	$5,400,000	-	$5,400,000	$7,111,175	BEYOND25
1060	Kearny Town	S340259-12	-	-	$60,000	$200,000	-	$423,000	-	$683,000	$961,810	N/A
1060	Kearny Town	S340259-13	-	-	$13,437,681	-	-	$71,948,744	-	$85,386,425	$107,557,474	BEYOND25
1062	Jersey City Municipal Utilities Authority	S340928-32	-	-	-	-	-	-	-	-	$7,645,200	T 200630
1063	Hudson County Improvement Authority	S340094-02	-	-	-	-	-	-	-	-	-	T 210630
1064	Elizabeth City	S340942-06	-	-	-	-	-	-	$2,500,000	$2,500,000	$3,340,073	BEYOND25
1064	Elizabeth City	S340942-10	-	-	-	-	-	$275,000	$7,325,000	$7,600,000	$9,911,578	BEYOND25
1066	Trenton City	S340087-01	-	-	-	-	-	$1,300,000	$800,000	$2,100,000	$2,844,687	BEYOND25
1067	Camden Redevelopment Agency	S340044-02	-	-	$16,300,000	$19,500,000	-	-	-	$35,800,000	$45,383,793	BEYOND25
1067	Camden Redevelopment Agency	S340044-03	-	-	-	-	-	-	$10,000,000	$10,000,000	$13,000,360	BEYOND25
1069	Camden City	S340366-16	-	-	-	-	-	-	-	-	$600,000	T 200630
1070	East Orange City	S340843-02	-	-	-	-	-	-	-	-	$6,840,000	T 210630
1071	North Bergen Municipal Utilities Authority	S340652-11	$1,813,000	-	-	-	-	-	-	$1,813,000	$2,468,581	BEYOND25
1071	North Bergen Township	S340652-08	-	-	-	-	-	$3,000,000	-	$3,000,000	$3,997,392	BEYOND25
1073	New Brunswick City	S340437-12	-	-	-	-	-	$2,500,000	-	$2,500,000	$3,340,073	BEYOND25
1074	Atlantic City Municipal Utilities Authority	S340439-04	-	-	$1,800,000	-	-	-	-	$1,800,000	$2,230,000	T 210630
1075	Asbury Park City	S340883-08	-	-	-	$50,000,000	-	-	-	$50,000,000	$63,000,000	T 210630

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

STATE OF NEW JERSEY FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
1076	Harrison Town	S340341-05	-	-	-	-	-	$25,000,000	-	$25,000,000	$31,783,125	BEYOND25
1077	Union County Improvement Authority	S340124-01	-	-	-	-	-	$2,000,000	$16,000,000	$18,000,000	$23,069,596	BEYOND25
1078	Hardyston Municipal Utility Authority	S340532-01	-	-	$405,000	-	-	-	-	$405,000	$486,000	T 210630
1079	East Orange City	S340843-03	-	-	$200,000	-	-	-	-	$200,000	$8,506,931	T 210630
1081	Carteret Borough	S340939-07	-	-	-	-	-	-	$18,640,000	$18,640,000	$23,882,313	BEYOND25
1083	Pollution Control Financing Authority of Camden County	S342025-01	-	-	-	-	-	-	$11,550,670	$11,550,670	$14,060,804	BEYOND25
1084	Morris County	S340107-01	-	-	-	-	-	$10,000,000	-	$10,000,000	$13,000,360	BEYOND25
1085	Gloucester County Improvement Authority	S342016-03	-	-	-	-	-	-	$11,500,000	$11,500,000	$13,893,240	N/A
1086	Gloucester County Improvement Authority	S342016-04	-	-	-	-	-	-	$15,321,667	$15,321,667	$18,500,000	T 210630
1088	Gloucester County Improvement Authority	S342016-02	-	-	-	-	-	-	-	-	$5,962,475	BEYOND25
1089	Cumberland County Improvement Authority	S342015-01	-	-	-	-	-	$20,000,000	-	$20,000,000	$25,607,620	BEYOND25
1089	Cumberland County Improvement Authority	S342015-02	-	-	-	-	-	$1,500,000	-	$1,500,000	$2,049,114	BEYOND25
1092	Pollution Control Financing Authority of Warren County	S342026-01	-	-	-	-	-	-	$20,000,000	$20,000,000	$24,000,000	T 210630
1093	Two Rivers Water Reclamation Authority	S340117-06	-	-	-	$11,493,501	-	-	-	$11,493,501	$14,826,569	BEYOND25
1094	Cape May County Municipal Utilities Authority	S342017-02	-	-	-	-	-	$4,800,000	-	$4,800,000	$6,354,123	BEYOND25
1095	Salem County Improvement Authority	S342022-02	-	-	-	-	-	-	$6,500,000	$6,500,000	$8,500,000	N/A
1096	Perth Amboy Redevelopment Agency	S340435-07	-	-	-	-	-	-	$29,000,000	$29,000,000	$36,825,064	BEYOND25
1097	Orange City	S340859-02	-	-	-	-	-	$1,506,467	$3,052,680	$4,559,147	$6,039,749	BEYOND25
1098	Lawrence Township	S340395-02	-	-	-	-	-	-	$14,284,100	$14,284,100	$18,347,670	BEYOND25
1099	Burlington City	S340140-02	-	-	-	-	-	-	-	-	$2,502,000	T 200630
1100	Salem City	S340235-03	-	-	-	-	-	-	-	-	$1,345,520	BEYOND25
1101	East Amwell Township	S340037-01	-	-	-	-	-	-	$450,000	$450,000	$639,645	BEYOND25
1102	Willingboro Municipal Utilities Authority	S340132-11	-	-	-	-	-	-	-	-	$8,925,260	T 200630
1103	Milltown Borough	S340102-01	-	-	-	-	-	$15,144,194	-	$15,144,194	$19,440,809	T 210630
1103	Milltown Borough	S340102-04	-	-	$1,262,950	$590,250	-	$2,056,800	-	$3,910,000	$5,190,428	T 210630
1105	Lakewood Township Municipal Utilities Authority	S340465-03	-	-	-	-	-	-	-	-	$1,440,000	N/A
1107	Bloomfield Township	S340516-01	-	-	-	-	-	-	-	-	$7,230,970	T 200630
1108	Pennsauken Township	S340349-04	-	-	-	$3,247,855	-	-	$40,543,620	$43,791,475	$55,431,119	BEYOND25
1109	Orange City	S340859-04	-	-	-	-	-	-	-	-	$5,047,760	T 210630
1110	South Orange Village	S340103-01	-	-	-	-	-	$1,500,000	-	$1,500,000	$2,049,114	BEYOND25
1111	Brick Township Municipal Utilities Authority	S340448-14	-	-	-	-	-	-	-	-	$1,903,200	N/A
1112	Woodbridge Township	S340433-10	-	-	-	-	-	$7,625,000	-	$7,625,000	$9,943,795	BEYOND25
1113	Perth Amboy Redevelopment Agency	S340435-08	-	-	-	-	-	-	$15,000,000	$15,000,000	$19,257,315	BEYOND25
1114	Hackensack City	S340923-09	-	-	-	-	-	$1,000,000	$6,350,000	$7,350,000	$9,589,269	BEYOND25
1115	North Brunswick Township	S340888-02	-	-	-	-	-	-	-	-	$5,427,000	N/A
1116	Sayreville Economic & Redevelopment Agency	S340134-01	-	-	-	$5,000,000	-	-	$35,000,000	$40,000,000	$50,664,200	BEYOND25
1117	Linden City	S340679-02	-	-	-	$256,000	-	$3,737,000	-	$3,993,000	$5,882,578	BEYOND25
1118	Belleville Township	S340243-01	-	-	-	-	-	$5,698,697	-	$5,698,697	$7,478,656	BEYOND25
1119	University Hospital	S340500-03	-	-	-	-	-	-	-	-	$11,111,111	N/A
1120	Union County Improvement Authority	S340113-01	-	-	-	-	-	$1,350,000	-	$1,350,000	$1,847,907	BEYOND25
1121	Manchester Township	S340650-08	-	-	-	-	-	-	-	-	$1,950,000	N/A
1122	West Deptford Township	S340947-06	-	-	-	-	-	-	-	-	$3,624,840	T 210630
1123	Phillipsburg Redevelopment Authority	S340874-06	-	-	$1,388,905	-	-	$5,671,780	-	$7,060,685	$9,215,958	BEYOND25
1124	Highland Park Borough	S340938-03	-	-	-	-	-	-	-	-	$2,400,000	T 210630
1126	Point Pleasant Beach Borough	S340479-04	-	-	-	-	-	-	-	-	$1,930,000	N/A

Cat 1 -Secondary/Sludge/Septage Treatment
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Cat 5 -Correction of Combined Sewer Overflows
Cat 6-Stormwater Mgmt
Cat 7 -Nonpoint Source Mgmt

STATE OF NEW JERSEY FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Total Eligible Project Costs	Est St Cert Date
1127	Allentown Borough	S340567-06	-	-	-	-	-	-	-	-	$664,520	N/A
1128	Ship Bottom Borough	S340311-04	-	-	-	-	-	-	-	-	$2,568,400	N/A
1129	Teterboro Borough	S340339-02	-	-	-	-	-	$17,070,740	-	$17,070,740	$21,889,460	BEYOND25
1129	Teterboro Borough	S340339-03	-	-	-	$26,389,038	-	-	-	$26,389,038	$33,535,341	BEYOND25

Cat 1 -Secondary/Sludge/Septage Treatment
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Cat 6-Stormwater Mgmt
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Date Generated: March 25, 2020

STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST (CW) - PROJECT NARRATIVES

Anticipated Recipient:	Musconetcong Sewerage Authority		
Project No.:	S340384-09	Eligible Project Cost:	$5,953,572
Rank:	1		
County:	Morris	Total State Amount:	$5,953,572

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	75/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	400

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	275
			State Planning Commission	0
			Population	0.061661
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1175.061661

Project Name, Number	Priority List Rank
Musconetcong Sewerage Authority S340384-09 Sewage Treatment Plant (STP) - Improvement/Upgrade	1

County

Morris

Existing Population

61,661

Service Area

The Musconetcong Sewerage Authority receives wastewater from seven (7) communities. They are as follows: Netcong, Roxbury, Stanhope, Mt Olive, Mt. Arlington, Hopatcong and Byram.

Need for Project

The microstrainers for Plant 1 and Plant 2 are approaching the end of their useful life and are experiencing ongoing operation and maintenance issues. An improvement to the microstrainer system for Plant 1 and Plant 2 is desired to enhance the reliability of the screening systems in efforts to comply with the effluent discharge limits set forth in the Authoritys NJPDES permit.

Project Description

The Musconetcong Sewerage Authority is currently planning to perform capital improvement projects at their existing wastewater treatment plant including a new Influent Screening Facility and the replacement of the plant effluent Micro-Strainers. In addition, the MSA plans to acquire a total of nineteen (19) pumps through the Passaic Valley Sewerage Authority Co-Op.

Anticipated Recipient:	Oakland Borough		
Project No.:	S340418-06	Eligible Project Cost:	$300,000
Rank:	2		
County:	Bergen	Total State Amount:	$300,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	100
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	175
			State Planning Commission	0
			Population	0.012754
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1125.012754

Project Name, Number	Priority List Rank
Oakland Borough S340418-06 Sanitary Sewer System Rehabilitation	2

County

Bergen

Existing Population

12,754

Service Area

Borough of Oakland

Need for Project

Ability to expand sewer system within borough to enable conversion of residential septics to sewer and to move existing business and industrial zones onto system

Project Description

Engineering phase of the decomissioning and conversionof various sewer treatment plants to pump stations and the construction of force mains to connect to the Northwest Bergen County Utilities AUthority treatment system

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-25	Eligible Project Cost:	$14,300,000
Rank:	3		
County:	Camden	Total State Amount:	$14,300,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
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	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.513657
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1100.513657

Project Name, Number	Priority List Rank
Camden County Municipal Utilities Authority S340640-25 Stormwater Management - Gray Infrastructure	3

County

Camden

Existing Population

513,657

Service Area

Camden County

Need for Project

Green infrastructure will reduce the potential for stormwater to enter the Camden City combined sewer system which will reduce combined sewage flooding and overflow to the Delaware River.

Project Description

The project consists of constructing pervious surfaces, including green infrastructure and playing fields, in the area of what is currently Campbell's Field in Camden City including green infrastructure and playing fields. The increase in pervious surfaces will allow less stormwater to enter the Camden City combined sewer system and therefore will aid in limiting combined sewage flooding.

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-19	Eligible Project Cost:	$10,690,000
Rank:	3		
County:	Camden	Total State Amount:	$10,690,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
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	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.513657
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1100.513657

Project Name, Number | **Priority List Rank**

Camden County Municipal Utilities Authority
S340640-19 | 3
Combined Sewer Overflow (CSO) - Green Infrastructure

County

Camden

Existing Population

513,657

Service Area

Separation and improvements to Camden's combined sewer system will reduce the potential of combined sewage flooding in Camden. Green infrastructure will also reduce the potential for combined sewage flooding, as well as improve quality of life for Camden's residents. Creation of a new waterfront park will also improve quality of life for Camden's residents

Need for Project

Improvements to Camden's combined sewer system and green infrastructure will reduce the potential of combined sewage flooding and overflows into the Delaware River and its tributaries. The creation of the North Camden Waterfront Park will improve water quality by eliminating contaminated soil runoff into the Delaware River

Project Description

separation of combined sewers in Camden City, implementation of green infrastructure projects and creation of a new riverfront park. Elimination of stormwater from Camden City's combined sewer system will reduce pumping and treatment requirements, thereby reducing energy consumption and energy costs

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-20	Eligible Project Cost:	$6,500,000
Rank:	5		
County:	Camden	Total State Amount:	$6,500,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
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	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.076
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1100.076

Project Name, Number	Priority List Rank
Camden County Municipal Utilities Authority S340640-20 Stormwater Management - Green Infrastructure	5

County

Camden

Existing Population

76,000

Service Area

City of Camden

Need for Project

Project will reduce the potential of combined sewage flooding and combined sewage overflows into the Delaware River

Project Description

Construction of several green infrastructure projects in Camden City to reduce the potential of combined sewage flooding , particularly in the Camden waterfront area. Implementation of green infrastructure not only reduces combined sewage flooding and/or overflows but also reduces pumping and treatment costs, thereby reducing energy consumption

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-27	Eligible Project Cost:	$4,862,636
Rank:	6		
County:	Camden	Total State Amount:	$4,862,636

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
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	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.513657
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.513657

Project Name, Number	Priority List Rank
Camden County Municipal Utilities Authority S340640-27 Combined Sewer Overflow (CSO) - Traditional Infrastructure	6

County

Camden

Existing Population

513,657

Service Area

City of Camden

Need for Project

The infrastructure improvements will reduce the likelihood of combined sewage flooding and combined sewer overflows in the City of Camden.

Project Description

Infrastructure improvements including the installation of a separate strom sewer system with inlets and the lining of the existing combined sewer system on South 27th Street (CR 609) beween Marlton Avenue (CR 601) and Federal Street in Camden City.

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-24	Eligible Project Cost:	$6,500,000
Rank:	7		
County:	Camden	Total State Amount:	$6,500,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
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	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.51
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.51

Project Name, Number | **Priority List Rank**

Camden County Municipal Utilities Authority
S340640-24 | 7
Sewage Treatment Plant (STP) - Improvement/Upgrade

County

Camden

Existing Population

510,000

Service Area

Camden County's 37 municipalities, but especially Camden City and Gloucester City,. Camden County's two CSO communities

Need for Project

Eliminating volumetric bottlenecks in the treatment plant will enable the CCMUA to receive more wet weather flow, thereby correspondingly reducing combined sewage flooding and overflows in Camden City and Gloucester City

Project Description

Upgrades to the CCMUA's 80 MGD wastewater treatment plant to enable it to receive more wet weather flow and thereby reduce combined sewage flooding and overflows in Camden City and Gloucester City. Project work includes modification to primary sedimentation tanks and outfall.

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S345040-01	Eligible Project Cost:	$1,049,636
Rank:	7		
County:	Camden	Total State Amount:	$1,049,636

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
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	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.51
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.51

Project Name, Number	Priority List Rank
Camden County Municipal Utilities Authority S345040-01 Combined Sewer Overflow (CSO) - Traditional Infrastructure	7

County

Camden

Existing Population

510,000

Service Area

The service areas for this project are Camden and Gloucester Cities

Need for Project

Due, in part, to CSOs, the Cooper River, Newton Creek and Delaware River have the following water quality based needs. Cooper River (Below Rt 130) - Does not support: Aquatic Life, Fish Consumption, Primary Contact Recreation Newton Creek (LDVR - Kaighn Ave to LT Creek) - Does not support: Aquatic Life, Fish Consumption, Primary Contact Recreation, Public Water Supply Delaware River (Zone 3) - Does not support - Fish Consumption,

Project Description

The Long Term Control Plan (LTCP) is a system wide evaluation of the sewage infrastructure, and the hydraulic relationship between the sewers, precipitation, treatment capacity and overflows in Camden and Gloucester Cities. As part of the LTCP, Camden and Gloucester Cities and the CCMUA must evaluate alternatives that will reduce or eliminate the discharges, and develop a plan and implementation schedule to do so. LTCPs are created to identify the most cost-effective manner to regulate CSOs to meet water quality standards.

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-15	Eligible Project Cost:	$6,614,815
Rank:	9		
County:	Camden	Total State Amount:	$6,614,815

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
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	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.508932
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.508932

Project Name, Number	Priority List Rank
Camden County Municipal Utilities Authority S340640-15 Combined Sewer Overflow (CSO) - Green Infrastructure	9

County

Camden

Existing Population

508,932

Service Area

The Camden County MUA's service area consists of all of Camden County. This project is located in Camden City, one of Camden County's 37 municipalities

Need for Project

Camden City's combined sewer system overflows into the Delaware River, or floods the streets, parks and homes of Camden's residents. These green and grey infrastructure projects will reduce the amount of storm water that enters the system and improve the resiliency and capacity of Camden's system, thereby reducing the potential for flooding and overflows

Project Description

(Carryover SFY2015) - The scope of the project includes the construction of 10 new rain gardens in the City, replacing deteriorating combined sewer pipes in some of the roadways in the City and remediation & construction of second and final phase of Phoenix Park to control storm water and improve water quality in the City.

Anticipated Recipient:	Rahway Valley Sewerage Authority		
Project No.:	S340547-16	Eligible Project Cost:	$1,191,434
Rank:	10		
County:	Union	Total State Amount:	$1,191,434

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
			Subtotal	300
			State Planning Commission	0
			Population	0.25
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.25

Project Name, Number

Rahway Valley Sewerage Authority
S340547-16
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

10

County

Union

Existing Population

250,000

Service Area

The service area is primarily sections of Union County and half of Woodbridge which is in Middlesex County. The municipalities in Union County that are served include: Clark, Cranford, Garwood, Kenilworth, Mountainside, Rahway, Roselle Park, Scotch Plains Springfield, Westfield, Winfield, a section of Fanwood and several streets in Linden.

Need for Project

Not applicable. This project is not related to water quality.

Project Description

This project consists of a number of miscellaneous projects. One element is to make modifications to the controls in order to allow for black start of the Cogeneration Engines. Another major element is installation of a redundant electric distribution bus. This application is also for installation of heat exchangers that would allow for recovery of exhaust heat from the Cogeneration Engines for use in the plant hot water loop. The last components of this loan application consist of two flood proofing elements. Specifically they consist of installing flood proof doors on the Administration Building in order to prevent flooding of the building basement and the installation of a tide gate or check valve in order to prevent the backflow of water from the Rahway River through the plants emergency outfall. In addition this project includes the repair of an existing centrifuge and installation of another centrifuge.

Anticipated Recipient:	Rahway Valley Sewerage Authority		
Project No.:	S340547-13	Eligible Project Cost:	$10,104,841
Rank:	10		
County:	Union	Total State Amount:	$10,104,841

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
			Subtotal	300
			State Planning Commission	0
			Population	0.25
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.25

Project Name, Number	Priority List Rank
Rahway Valley Sewerage Authority S340547-13 Sewage Treatment Plant (STP) - Improvement/Upgrade	10

County

Union

Existing Population

250,000

Service Area

The RVSA member communities are Clark Cranford Garwood Kenilworth Mountainside Rahway Roselle Park Scotch Plains Springfield Westfield and Woodbridge. In addition the Authority serves Winfield Park through an agreement with Clark and also serves a section of Fanwood and a section of Linden.

Need for Project

The project is needed in order to make the WWTP more energy efficient and reliable to reduce the possibility of loss of power causing sanitary sewer overflows andor the bypassing of wastewater treatment which would result in the discharge of raw wastewater to the Rahway River.

Project Description

This project includes construction of a waste receiving station and digester installation of a plant hot water heat exchanger on the cogeneration engine exhaust LED lighting for the plant digester gas fired boilers installation of a 750-800 KW CHP engine and installation of an adsorption chiller.

Anticipated Recipient:	Rahway Valley Sewerage Authority		
Project No.:	S340547-14	Eligible Project Cost:	$9,460,275
Rank:	10		
County:	Union	Total State Amount:	$9,460,275

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
			Subtotal	300
			State Planning Commission	0
			Population	0.25
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.25

Project Name, Number	Priority List Rank
Rahway Valley Sewerage Authority S340547-14 Sewage Treatment Plant (STP) - Improvement/Upgrade	10

County

Union

Existing Population

250,000

Service Area

The service area is primarily sections of Union County and half of Woodbridge which is in Middlesex County. The municipalities in Union County that are served include: Clark, Cranford, Garwood, Kenilworth, Mountainside, Rahway, Roselle Park, Scotch Plains Springfield, Westfield, Winfield, a section of Fanwood and several streets in Linden.

Need for Project

Not applicable. This project is not related to water quality. It pertains to sludge digestion and the capturing, storing and flaring of digester gas.

Project Description

This project consists of replacing existing digester tank covers and mixers with new equipment. It also includes replacing the existing gas flares with new state of the art equipment.

Anticipated Recipient:	Rahway Valley Sewerage Authority		
Project No.:	S340547-15	Eligible Project Cost:	$2,348,518
Rank:	13		
County:	Union	Total State Amount:	$2,348,518

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
			Subtotal	300
			State Planning Commission	0
			Population	0.196
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.196

Project Name, Number	Priority List Rank
Rahway Valley Sewerage Authority S340547-15 Sewage Treatment Plant (STP) - Improvement/Upgrade	13

County

Union

Existing Population

196,000

Service Area

The Rahway Valley Sewerage Authority (RVSA) is a wastewater treatment authority that processes wastewater from 11 member communities and 3 additional non-member communities. The RVSA eleven member municipalities are the Township of Clark, Township of Cranford, Borough of Garwood, Borough of Kenilworth, Borough of Mountainside, City of Rahway, Borough of Roselle Park, Township of Scotch Plains, Township of Springfield, and Town of Westfield all of which are in Union County and the Township of Woodbridge in Middlesex County. The RVSA serves the Township of Winfield through an agreement with the Township of Clark. While Scotch Plains, Roselle Park and Woodbridge are member municipalities, the RVSA does not serve these communities in their entirety. A very small portion of Fanwood is served through an agreement with the Township of Scotch Plains and the Authority also serves a very small portion of Linden.

Need for Project

Not Applicable. This project is not related to a water quality-based need.

Project Description

This project consists of constructing a trucked-in waste receiving station and includes construction of a equalization/blend tank with metering pumps for feeding of liquid waste to existing anaerobic digesters. The addition of liquid waste will result in an increase in digester gas production which will be used to fuel existing cogeneration engines. The electric generated will reduce the plants electrical consumption and recovery of waste heat will be used to heat the anaerobic digesters and plant hot water loop thereby decreasing the need for purchase and use of utility energy.

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-21	Eligible Project Cost:	$32,500,000
Rank:	14		
County:	Camden	Total State Amount:	$32,500,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
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	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.076
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.076

Project Name, Number	Priority List Rank
Camden County Municipal Utilities Authority S340640-21 Combined Sewer Overflow (CSO) - Green Infrastructure	14

County

Camden

Existing Population

76,000

Service Area

Camden City

Need for Project

When it rains in Camden City. during high tide, combined sewage overflow cannot be released, resulting in combined sewage flooding which is a public health hazard. Construction of this pumping station will eliminate the combined sewage flooding problem at the Camden waterfront

Project Description

Construction of a pumping station to pump dilute combined sewage overflow out the outfall during extreme rain events during high tide in order to reduce combined sewage flooding

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-22	Eligible Project Cost:	$13,000,000
Rank:	14		
County:	Camden	Total State Amount:	$13,000,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600
III. WATER USE/WATER QUALITY POINTS		
A. 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	0/0
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	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.076
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.076

Project Name, Number	Priority List Rank
Camden County Municipal Utilities Authority S340640-22 Stormwater Management - Gray Infrastructure	14

County

Camden

Existing Population

76,000

Service Area

Camden city

Need for Project

The inadequacy of Camden City's combined sewer system's conveyance capacity results in increased frequency of combined sewage flooding and overflows. Increasing the capacity will enable additional volumes of combined sewage flooding to be conveyed to the CCMUA's downstream wastewater treatment plant

Project Description

Upgrades to Camden City's combined sewer system in order to increase wet weather conveyance capacity and thereby reduce the potential for combined sewage flooding and overflows

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-23	Eligible Project Cost:	$13,000,000
Rank:	14		
County:	Camden	Total State Amount:	$13,000,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
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	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.076
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.076

Project Name, Number	Priority List Rank
Camden County Municipal Utilities Authority S340640-23 Stormwater Management - Gray Infrastructure	14

County

Camden

Existing Population

76,000

Service Area

Camden City

Need for Project

10 of Camden City's combined sewer overflows have been silted up to the extent where dredging is required to restore their functionality and eliminate combined sewage flooding in the City.

Project Description

MECHANICAL DREDGING AND REHABILITATION OF 9 TOTAL CSO OUTFALL CHANNELS FROM OUTFALL TO RECEIVING BODY OF WATER, ONE OF WHICH WILL ALSO BE REPLACED, IN KIND, FROM OUTFALL TO NETTING CHAMBER.

Anticipated Recipient:	Raritan Borough		
Project No.:	S340781-04	Eligible Project Cost:	$360,245
Rank:	17		
County:	Somerset	Total State Amount:	$360,245

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. 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	0/25
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
			Population	0.00599
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.00599

Project Name, Number	Priority List Rank
Raritan Borough S340781-04 Sanitary Sewer System Rehabilitation	17

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 infiltrationinflow (II) resulting from sewer pipe decay is estimated at 40-50 percent of the total flow from the Borough. This condition results in raw sewage overflows which adversely impact the Raritan River by contributing to the elevated nutrient and bacteriological levels in the River which is classified as FW2-NT. Toxic levels marginally meet existing standards. The River is used as an industrial water supply and as a potable water supply for the Elizabethtown Water Company.

Project Description

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

Anticipated Recipient:	Mendham Borough		
Project No.:	S340159-04	Eligible Project Cost:	$2,030,000
Rank:	18		
County:	Morris	Total State Amount:	$2,030,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	75/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	25
	Subtotal	450

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.003915
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.003915

Project Name, Number	Priority List Rank
Mendham Borough S340159-04 Sewage Treatment Plant (STP) - Improvement/Upgrade	18

County

Morris

Existing Population

3,915

Service Area

The Mendham Boro Water Reclamation Facility (WRF) services the majority of the northern portion of the Borough of Mendham.

Need for Project

The various improvements proposed at the WRF are to replace existing equipment that has reached the end of its useful life or to alleviate operational concerns at the plant. This is necessary to maintain operational compliance at the WRF.

Project Description

The Borough of Mendham is currently planning to perform capital improvement projects at their existing wastewater treatment plant. The Borough will be undertaking miscellaneous water reclamation facility improvements as part of the Capital Improvement Plan resulting from Asset Management efforts. These improvements include: New grit collection and handling equipment, oxidation ditch modifications, replacement of Motor Control Center No. 2, clarifier rehabilitation and various other miscellaneous improvements.

Anticipated Recipient:	Newark City		
Project No.:	S340815-28	Eligible Project Cost:	$642,076
Rank:	19		
County:	Essex	Total State Amount:	$642,076

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	100
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	50
			Population	0.27714
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1025.27714

Project Name, Number

Newark City
S340815-28
Combined Sewer Overflow (CSO) - Green Infrastructure

Priority List Rank

19

County

Essex

Existing Population

277,140

Service Area

THE CITY OF NEWARK SERVED BY THE COMBINED SEWER SYSTEM IN THE EAST WARD.

Need for Project

DURING WET WEATHER, THE COMBINATION OF STORM WATER AND WASTE WATER IN THE CSS MAY EXCEED THE CAPACITY OF THE SYSTEM. THE EXCESS FLOW (i.e., CSO), IS DISCHARGED DIRECTLY TO A WATERWAY THROUGH THE PERMITTED OUTFALLS. SINCE CSO DISCHARGES INCLUDE RAW SEWAGE, THEY WILL CONTAIN A COMBINATION OF UNTREATED HUMAN WASTE AND COMMERCIAL AND INDUSTRIAL POLLUTANTS. THE PURPOSE OF THE PROJECT IS TO IMPROVE THE EXISTING DRAINAGE SYSTEM WITHIN TWO DRAINAGE AREAS THAT ARE HYDRAULICALLY CONNECTED TO A CSS TO ADDRESS SAFETY, TRAFFIC IMPEDIMENT AND WATER QUALITY CONCERNS. THE REDUCTION IN PEAK FLOW RUNOFF BY IMPLEMENTING GI WILL ASSIST IN IMPROVING WATER QUALITY.

Project Description

Drainage Improvements are proposed at South Street and Adams Street, as well as along Miller Street to Avenue C. At South Street and Adams Street the proposed design will incorporate roadway reconstruction, resurfacing, sidewalk, curb and ADA curb ramp improvements, new drainage inlets, manholes and pipes to alleviate flooding. Sewer separation is proposed along Adams Street. No new outfalls are proposed. At Miller Street, the proposed design includes installation of new inlets, manholes, pipes and a pump station to alleviate flooding at the end of Avenue C to redirect flow and not separate. Green Infrastructure (GI) is also proposed at both of theses locations.

Anticipated Recipient:	Newark City		
Project No.:	S340815-25	Eligible Project Cost:	$388,383
Rank:	19		
County:	Essex	Total State Amount:	$388,383

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	100
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	25

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	50
			Population	0.27714
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1025.27714

Project Name, Number	Priority List Rank
Newark City S340815-25 Stormwater Management - Green Infrastructure	19

County

Essex

Existing Population

277,140

Service Area

The pilot project will serve the Clinton Hill neighborhood within Newark's South Ward. However, the impact of reducing CSOs through green stormwater infrastructure will eventually be felt throughout the City of Newark, particularly in the major portions of the city served by the Combined Sewer System.

Need for Project

Storm water management through green infrastructure is needed to improve water quality in the Passaic River, which experiences frequent overflow instances from the 17 CSO outlets within Newark. Green infrastructure projects not only reduce volume during peak storm events, thus reducing the likelihood of CSOs, they also filter pollutants from the stormwater before it reaches the treatment plant.

Project Description

At this site the existing concrete traffic triangle will be removed replaced and expanded with permeable surfaces that promote groundwater recharge. Approximately 195 square feet of pervious pavers will be installed adjacent to Clinton Ave that will capture and infiltrate stormwater runoff. A paved gathering space and sidewalk adjacent to Badger Ave will be comprised of approximately 1000 square feet of pervious concrete that will capture and infiltrate stormwater runoff. A 1005 square foot stormwater planter along with three curb cut inlets will be installed that will intercept treat and filter stormwater runoff from portions of Clinton Ave and West Alpine St. The remainder of the site will be de-paved and planted with various shrubs and trees. This project is intended as the first of many green infrastructure projects designed to divert stormwater within the CSS area and reduce incidence of CSOs.

Anticipated Recipient:	Newark City		
Project No.:	S340815-27	Eligible Project Cost:	$3,273,457
Rank:	19		
County:	Essex	Total State Amount:	$3,273,457

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	100
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	50
			Population	0.27714
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1025.27714

Project Name, Number

Newark City
S340815-27
Stormwater Management - Green Infrastructure

Priority List Rank

19

County

Essex

Existing Population

277,140

Service Area

Based on the 2010 U.S. Census, there are 277,138 people (92,303 households) residing in the City of Newark. The population density was 11,458 people per square mile. The racial makeup of the City was 26.3 percent (72,887) White, 52.4 percent (145,220) Black or African American, 0.6 percent (1,663) Native American, 1.6 percent (4,434) Asian, and 3.8 percent (10,531) from two or more races. Hispanics or Latinos of any race were 33.8 percent (93,148) of the population. The Newark Bay Treatment Plant serves more than 1.4 million residents in the Passaic Valley Service District including The City of Newark. This includes residents of 48 municipalities in Bergen, Essex, Hudson, Union, and Passaic Counties.

Need for Project

The City of Newark consists of large areas of impervious cover that generate large volumes of stormwater runoff. These projects will serve to manage stormwater runoff from impervious areas reducing the pressure on Newarks combined sewer system and a reduction of nonpoint source pollution into the Lower Passaic River and Newark Bay which is listed on the NJ 303(d) list of impaired water bodies.

Project Description

This application is for the construction of four (4) green stormwater infrastructure projects in the City of Newark. These projects will reduce stormwater runoff in the City of Newark's neighborhoods that flow directly into the existing sewer system. These projects include porous pavements, rain gardens, stormwater planters, and tree trenches that will manage runoff from rooftops and parking areas.

Anticipated Recipient:	Lower Township Municipal Utilities Authority		
Project No.:	S340810-03	Eligible Project Cost:	$3,135,057
Rank:	22		
County:	Cape May	Total State Amount:	$3,135,057

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	550

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
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
			Population	0.01953
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1025.01953

Project Name, Number | **Priority List Rank**

Lower Township Municipal Utilities Authority
S340810-03 | 22
Sewage Treatment Plant (STP) - Improvement/Upgrade

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 Flow Effluent Plant (STP) Name (mgd) Reported BOD Reported SS (NJPDES) Design Present mgl mgl 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 ultravoilet 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:	Oakland Borough		
Project No.:	S340418-03	Eligible Project Cost:	$36,522,885
Rank:	23		
County:	Bergen	Total State Amount:	$36,522,885

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	350

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	175
			State Planning Commission	0
			Population	0.013
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1025.013

Project Name, Number	Priority List Rank
Oakland Borough S340418-03 Sewage Treatment Plant (STP) - Improvement/Upgrade	23

County

Bergen

Existing Population

13,000

Service Area

Borough of Oakland

Need for Project

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

Project Description

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

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-16	Eligible Project Cost:	$13,000,360
Rank:	24		
County:	Camden	Total State Amount:	$13,000,360

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
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	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.508932
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1000.508932

Project Name, Number	Priority List Rank
Camden County Municipal Utilities Authority S340640-16 Decentralized Wastewater (or Septic) System Repair/Replacement	24

County

Camden

Existing Population

508,932

Service Area

All of Camden County, NJ

Need for Project

N/A

Project Description

(Carryover SFY2015) - The proposed project includes modification of the plant headworks upgrade of odor control system upgrade of liquid sludge storage tank mixing system and upgrade of dewatering polymer delivery system.

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-29	Eligible Project Cost:	$12,200,000
Rank:	25		
County:	Camden	Total State Amount:	$12,200,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
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	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.508
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1000.508

Project Name, Number	Priority List Rank
Camden County Municipal Utilities Authority S340640-29 Sewage Treatment Plant (STP) - Improvement/Upgrade	25

County

Camden

Existing Population

508,000

Service Area

Camden County, NJ

Need for Project

Delaware #1 WPCF is the regional wastewater treatment plant for Camden County

Project Description

Upgrades, replacement and rehabilitation to the CCMUA's Delaware #1 WPCF including sludge return lines and the grit system including piping and washing system.

Anticipated Recipient:	Sparta Township		
Project No.:	S340495-03	Eligible Project Cost:	$2,853,484
Rank:	26		
County:	Sussex	Total State Amount:	$2,853,484

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	75/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	400

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	100
			State Planning Commission	0
			Population	0.01432
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1000.01432

Project Name, Number | **Priority List Rank**

Sparta Township
S340495-03 | 26
Sewage Treatment Plant (STP) - Improvement/Upgrade

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

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 Flow Effluent Plant (STP) Name (mgd) Reported BOD Reported SS (NJPDES) Design Present mgl mgl 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:	Warren Township Sewerage Authority		
Project No.:	S340964-06	Eligible Project Cost:	$4,450,000
Rank:	27		
County:	Somerset	Total State Amount:	$4,450,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	25
Toxics	0	25	50	50
			Subtotal	225
			State Planning Commission	15
			Population	0.015311
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	990.015311

Project Name, Number | **Priority List Rank**

Warren Township Sewerage Authority
S340964-06 | 27
Sewage Treatment Plant (STP) - Improvement/Upgrade

County

Somerset

Existing Population

15,311

Service Area

The above population is for all of Warren Township. The project will serve Warren Township's Stage I/II, Stage IV and Stage V Sewer Service Areas which consists of approximately 2,407 households out of 4,754 total customers or approximately 50% of Warren Township's population.

Need for Project

This project is needed to maintain compliance with existing discharge permits while improving the headworks at all three plants. The project will improve the CBOD and TSS treatment capabilities at Stage I/II and Stage IV.

Project Description

This project consists of miscellaneous improvements at the WTSA's Stage I/II (NJ0022489), Stage IV (NJ0022497), and Stage V (NJ0050369) STPs. The primary improvements include: 1.) Installing screening within the headworks at all three WTSA STPs; 2.) Installation of cloth filters at the Stage I/II and Stage IV; 3.) New Stage IV effluent pumping system; 4.) Abandonment/replacement of the Stage I/II emergency generator and fuel storage tank; and 5.) Oxidation Ditch outlet control at Stage V. The minor improvements include miscellaneous buildings and grounds improvements at all WTSA STPs.

Anticipated Recipient:	Newark City		
Project No.:	S340815-26	Eligible Project Cost:	$3,092,080
Rank:	28		
County:	Essex	Total State Amount:	$3,092,080

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	100
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	50
			Population	0.27714
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	975.27714

Project Name, Number

Newark City
S340815-26
Combined Sewer Overflow (CSO) - Green Infrastructure

Priority List Rank

28

County

Essex

Existing Population

277,140

Service Area

City of Newark, New Jersey

Need for Project

THIS PROJECT IS NEEDED TO PREVENT OF BYPASS OF SOLIDS AND FLOATABLES AT THE PEDDIE CSO, BY THE CONSTRUCTION OF A MORE ROBUST NETTING FACILITY WHICH HAS BOTH EASIER MAINTENANCE AND A LONGER SERVICE LIFE.

Project Description

THE PROJECT SCOPE INCLUDES PLANNING, DESIGN AND CONSTRUCTION OF A FLOATABLES CONTROL NETTING FACILITY AT THE PEDDIE CSO TO REPLACE THE EXISTING FLOATING PONTOON STRUCTURE PREVIOUSLY BUILT UNDER A USEPA DEMONSTRATION PROJECT.

Anticipated Recipient:	Newark City		
Project No.:	S340815-24	Eligible Project Cost:	$19,257,315
Rank:	28		
County:	Essex	Total State Amount:	$19,257,315

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	100
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	50
			Population	0.27714
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	975.27714

Project Name, Number	Priority List Rank
Newark City S340815-24 Sanitary Sewer System Rehabilitation	28

County

Essex

Existing Population

277,140

Service Area

City of Newark, New Jersey.

Need for Project

Rehabilitating the sewer system is a benefit to public health, as it will reduce the chance of a raw sewage release in the future.

Project Description

Comprehensive structural evaluation and rehabilitation of approximately 350 miles of small diameter (less than 22-inch) sewers made of various materials including Vitrified Clay Concrete Asbestos Cement Cast Iron Ductile Iron Corrugated Metal and PVC at various locations throughout the City of Newark.

Anticipated Recipient:	Newark City		
Project No.:	S340815-22	Eligible Project Cost:	$4,522,375
Rank:	28		
County:	Essex	Total State Amount:	$4,522,375

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	100
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	50
			Population	0.27714
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	975.27714

Project Name, Number	Priority List Rank
Newark City S340815-22 Decentralized Wastewater (or Septic) System Repair/Replacement	28

County

Essex

Existing Population

277,140

Service Area

QUEEN DITCH SERVES THE QUEEN DISTRICT DRAINAGE AREA CONTAINING APPROXIMATELY 1,050 ACRES OF LAND LOCATED IN THE SOUTHERN PORTION OF THE CITY WEST OF THE NEWARK LIBERTY INTERNATIONAL AIRPORT.

Need for Project

CURRENT CONDITIONS WITH A BLOCKAGE OF THE MAIN OULET SEWER FROM THE QUEEN DISTRICT DIVERSION CHAMBER AND SILTATION IN QUEEN DITCH CONTINUE TO RESTRICT THE OVERFLOW OF COMBINED SEWAGE DURING WET WEATHER PERIODS, AND CREATE BACK WATER CONDITIONS THROUGH OUT THE COMBINED SEWER SYSTEM RESULTING IN FREQUENT SURFACE FLOODING AT FRELINGHUYSEN AVE AT NOBLE STREET, AND ROUTE 22 AT MEEKER AVE UNDERPASS.

Project Description

(Carryover SFY2015) - The proposed project includes installation of approximately 380 linear feet of 108 wide x 60 high precast box culvert end-of-pipe netting facilities at the transition to the drainage ditch and dredging of the existing drainage ditch.

Anticipated Recipient:	Camden City		
Project No.:	S340366-03	Eligible Project Cost:	$10,361,096
Rank:	31		
County:	Camden	Total State Amount:	$10,361,096

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	225

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	100
			State Planning Commission	50
			Population	0.079904
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	975.079904

Project Name, Number	Priority List Rank
Camden City S340366-03 Combined Sewer Overflow (CSO) - Traditional Infrastructure	31

County

Camden

Existing Population

79,904

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

This task involves the replacement of the existing can lift station located at Broadway and Morgan Boulevard. The existing lift station is inoperable and requires frequent jettingvacuuming. The proposed scope of work includes removal of existing sewer lift station installation of new station reconnectionreplacement of force main and installation of safety equipment.

Anticipated Recipient:	Camden City		
Project No.:	S340366-10	Eligible Project Cost:	$708,917
Rank:	31		
County:	Camden	Total State Amount:	$708,917

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	225

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	100
			State Planning Commission	50
			Population	0.079904
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	975.079904

Project Name, Number	Priority List Rank
Camden City S340366-10 Combined Sewer Overflow (CSO) - Traditional Infrastructure	31

County

Camden

Existing Population

79,904

Service Area

City of Camden

Need for Project

The proposed project includes the relocation of an outfall due to conflicts with existing structures in the area.

Project Description

The proposed scope of work includes abandonment of existing outfall pipe installation of new RCP sewer outfall inspectionrepair of regulator chamber and replacement of tide gates if needed.

Anticipated Recipient:	Camden City		
Project No.:	S340366-06	Eligible Project Cost:	$58,648,610
Rank:	31		
County:	Camden	Total State Amount:	$58,648,610

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	225

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	100
			State Planning Commission	50
			Population	0.079904
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	975.079904

Project Name, Number	Priority List Rank
Camden City S340366-06 Combined Sewer Overflow (CSO) - Traditional Infrastructure	31

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 solidsfloatables greater than 12 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:	Camden City		
Project No.:	S340366-07	Eligible Project Cost:	$58,844,815
Rank:	34		
County:	Camden	Total State Amount:	$58,844,815

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600
III. WATER USE/WATER QUALITY POINTS		
A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	225

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	100
			State Planning Commission	50
			Population	0.077344
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	975.077344

Project Name, Number	Priority List Rank
Camden City S340366-07 Combined Sewer Overflow (CSO) - Traditional Infrastructure	34

County

Camden

Existing Population

77,344

Service Area

City of Camden (various)

Need for Project

The age and poor condition of the system has resulted significant infiltration and inflow problems, sewer cave-ins, sewer backups and flooding. These conditions pose a hazard to the public and increase liability risk to the City of Camden. The situation that forces the City not only to repair numerous sewer collapses a year, but also to repair the street and the nearby utilities. The number of collapsed sewers continues to increase, and the repair costs are higher than they should be due to the sudden nature of these occurrences. Some sewers are too fragile to clean and evaluate, and therefore need to be replaced.

Project Description

Furnish and install approximately 112,700 linear feet of PVC and reinforced concrete gravity combined and separate sanitary sewer ranging in size from 12- inch diameter to 60-inch diameter, and install approximately 2,310 linear feet of cured in place pipe liner

Anticipated Recipient:	Camden City		
Project No.:	S340366-12	Eligible Project Cost:	$2,120,000
Rank:	34		
County:	Camden	Total State Amount:	$2,120,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	225

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	100
			State Planning Commission	50
			Population	0.077344
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	975.077344

Project Name, Number	Priority List Rank
Camden City S340366-12 Combined Sewer Overflow (CSO) - Traditional Infrastructure	34

County

Camden

Existing Population

77,344

Service Area

City of Camden

Need for Project

To mitigate flooding in the along the waterfront area at/near Cooper Street (near Delaware River).

Project Description

Furnish and install a complete package sewer pump station consisting of but not limited to, a wet well, submersible pumps, dry valve vault, control panel and other related accessories on Cooper Street (near Delaware River).

Anticipated Recipient:	Camden City		
Project No.:	S340366-13	Eligible Project Cost:	$12,000,000
Rank:	34		
County:	Camden	Total State Amount:	$12,000,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	225

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	100
			State Planning Commission	50
			Population	0.077344
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	975.077344

Project Name, Number	Priority List Rank
Camden City S340366-13 Combined Sewer Overflow (CSO) - Traditional Infrastructure	34

County

Camden

Existing Population

77,344

Service Area

Camden, New Jersey is located directly across the Delaware River from Philadelphia, Pennsylvania. The 2010 United States Census, the city had a population of 77,344. According to the US Census Bureau, the city total area is 10.341 square miles, including 8.921 square miles of land and 1.420 square miles of water

Need for Project

The area (basins C10 and C11) located between Delaware Avenue and the Delaware River have experienced frequent and significant flooding events along the waterfront area. As a result, the impacted drainage areas experience significant flooding and sewage backup which pose a hazard to the public and increase liability risk to the City of Camden. Based on preliminary assessment, the options recommended to address the flooding are (1) rehabilitation of Arch Street PS, (2) inspection/cleaning/upgrade of existing interceptor pipe running from Arch St PS to CCMUA, and (3) disconnect Pine St PS interceptor from the Delaware River Interceptor System and install of a new direct interceptor pipe from the Pine St Pump Station to CCMUA, to alleviate this flooding thereby mitigating public exposure to the hazardous environmental conditions caused by said flooding.

Project Description

Project involves (1) rehabilitation of Arch Street PS, (2) inspection/cleaning/upgrade of existing interceptor pipe running from Arch St PS to CCMUA, and (3) disconnect Pine St PS interceptor from the Delaware River Interceptor System and install of a new direct interceptor pipe from the Pine St Pump Station to CCMUA, to alleviate sewer backup and street flooding.

Anticipated Recipient:	Camden City		
Project No.:	S340366-14	Eligible Project Cost:	$9,370,000
Rank:	34		
County:	Camden	Total State Amount:	$9,370,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	225

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	100
			State Planning Commission	50
			Population	0.077344
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	975.077344

Project Name, Number	Priority List Rank
Camden City S340366-14 Combined Sewer Overflow (CSO) - Traditional Infrastructure	34

County

Camden

Existing Population

77,344

Service Area

Camden, NJ is located in Camden County directly across the Delaware River from Philadelphia, Pennsylvania. According to the United States Census Bureau, the city had a total area of 10.341 square miles (26.784 km2), including 8.921 square miles (23.106 km2) of land and 1.420 square miles (3.677 km2) of water (13.73%).

Need for Project

The combined sewer outfalls are blocked/obstructed primarily due to sediment build up resulting in an inability of the system to operate as designed (i.e., inability of combined sewage to drain from the Camden collection system). The condition of these structures has resulted significant environmental problems including overloading of interceptor system and treatment facility, sewer backups and street flooding. These conditions pose a hazard to the public and increase liability risk to the City of Camden.

Project Description

The project involves the cleaning/dredging and rehabilitation of fifteen (15) combined sewer outfalls and ten (10) storm sewer outfalls to restore the aforementioned systems to their intended design capacity and operability.

Anticipated Recipient:	Camden City		
Project No.:	S340366-15	Eligible Project Cost:	$13,330,000
Rank:	34		
County:	Camden	Total State Amount:	$13,330,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600
III. WATER USE/WATER QUALITY POINTS		
A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	225

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	100
			State Planning Commission	50
			Population	0.077344
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	975.077344

Project Name, Number	Priority List Rank
Camden City S340366-15 Combined Sewer Overflow (CSO) - Traditional Infrastructure	34

County

Camden

Existing Population

77,344

Service Area

The City of Camden is located in Camden County, New Jersey directly across the Delaware River from Philadelphia, Pennsylvania. According to the United States Census Bureau, the city had a total area of 10.341 square miles. The wastewater collection system serves the entire population for the City of Camden and is comprised almost entirely of combined sewers (i.e., sewers conveying both sewage and stormwater runoff in the same pipe). According to available records there is approximately 150 miles of combined sewers of which approximately ninety-three (93%) was installed prior to 1930. There also is approximately 25 mile of sanitary sewers and 5 miles of storm sewers. Currently, the City has eight (8) sewer pumping stations and approximately twenty-eight (28) regulator structures and twenty-two (22) combined sewer outfalls.

Need for Project

The sewer outfalls covered under this project are not functioning properly (i.e., as designed) due to sediment buildup and varying degrees of deterioration/disrepair. The reported obstructions of combined sewer overflow pipes at their points of discharge result in the inability of combined sewage to drain from the Camden collection system; thereby contributing to street flooding and potentially over-loading interceptor sewer conveyance and wastewater treatment plant capacities. All of the mechanical regulators are also not functioning properly which contributes to the aforementioned problems.

Project Description

The project involves the rehabilitation of the approximately 28 regulator chambers at various locations within the City of Camden.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-27	Eligible Project Cost:	$39,412
Rank:	39		
County:	Hudson	Total State Amount:	$39,412

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	960.247597

Project Name, Number	Priority List Rank
Jersey City Municipal Utilities Authority S340928-27 Stormwater Management - Green Infrastructure	39

County

Hudson

Existing Population

247,597

Service Area

city streets

Need for Project

prevent overflow to rivers, and reduce local flooding.

Project Description

Approximately 2,200S square feet of deteriorating sidewalk will be removed and replaced with permeable pavers and tree pits. 24 tree trenches will be constructed along Martin Luther King Blvd.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-37	Eligible Project Cost:	$327,936
Rank:	39		
County:	Hudson	Total State Amount:	$327,936

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	960.247597

Project Name, Number | **Priority List Rank**

Jersey City Municipal Utilities Authority
S340928-37 | 39
Combined Sewer Overflow (CSO) - Traditional Infrastructure

County

Hudson

Existing Population

247,597

Service Area

This project involves the removal and replacement or rehabilitation of existing combined sewer mains on various roadways within the City of Jersey City. The work will take place within existing paved roadways within the City's right-of-ways. The roads are both in residential and commercial areas.

Need for Project

This project is required to improve the combined sewer system by reducing the amount of infiltration/exfiltration by installing new watertight pipes and manholes.

Project Description

As part of a capital improvements program, the Jersey City Municipal Utilities Authority intends on replacing approximately 28,757 linear feet of various size combined sewer mains, including manholes, sewer laterals and storm water inlets. In addition, the project will also include the rehabilitation of approximately 1,036 linear feet of combined sewer main using trenchless technology including the rehabilitation of manholes.

Anticipated Recipient:	Elizabeth City		
Project No.:	S340942-19	Eligible Project Cost:	$3,688,239
Rank:	41		
County:	Union	Total State Amount:	$3,688,239

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	50
			Population	0.124969
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	960.124969

Project Name, Number

Elizabeth City
S340942-19
Stormwater Management - Gray Infrastructure

Priority List Rank

41

County

Union

Existing Population

124,969

Service Area

n/a

Need for Project

n/a

Project Description

(Carryover SFY2015) - The proposed repairs for the intersection of Trumbull Street and Sixth Street are intended to limit the roadway flooding to maintain passable travel lanes. Inlets will be installed at the intersection several feet off the curb allowing the existing drainage system to function during smaller storms. When the capacity of the existing storm inlets is exceeded excess stormwater will flow into the new inlets. Piping connecting the inlets will direct flow to a watertight 1.5 million gallon concrete vault which will store the flow below grade rather than allowing the surface to flood. The concrete vault will consist of modular precast concrete unit to maximize the volume the entire structure will be wrapped in an impermeable pond liner. It will extend under Block 7 Lot 1227 as well as under Bond Street and will be rated for traffic loads. The exiting business on Block 7 Lot 1227 will be acquired and demolished. The vault will be equipped with a small pumping station. A level sensor will be installed in the combined sewer. When the water level in the sewer has receded the level sensor will activate the pumps and the tank will be emptied into the combined sewer and the flow treated at the Joint Meeting of Essex and Union County WWTP. The pump is capable of dewatering the vault in one day and it is intended that the tank will be emptied within two days of a storm event allowing one day for the water level in the combined sewer to recede. The existing roads and curbing will be restored. Block 7 Lot 1227 will be converted into a passive park for the enjoyment of the residents. This project will also serve as a test case for installing Green Stormwater Infrastructure. A bioswale will be installed on the northeast side of Trumbull Street a rain garden will be installed in the proposed park and if possible tree boxes will be installed along Bond Street.

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S340699-17	Eligible Project Cost:	$13,938,000
Rank:	42		
County:	Middlesex	Total State Amount:	$13,938,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500
III. WATER USE/WATER QUALITY POINTS		
A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	0
			Population	0.8677
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	950.8677

Project Name, Number	Priority List Rank
Middlesex County Utilities Authority S340699-17 Sewage Treatment Plant (STP) - Improvement/Upgrade	42

County

Middlesex

Existing Population

867,700

Service Area

The service area includes the majority of Middlesex County and portions of Somerset and Union counties.

Need for Project

The rehabilitation of these treatment units will allow the Authority to continue to meet the Plant's effluent water quality permit requirements and assist with processing of solids which are resultant of the liquid stage processes.

Project Description

The Authority will be undertaking the final phases of treatment unit rehabilitation at its Central Treatment Plant for three arrays of treatment units. The rehabilitation consists of structural and electrical rehabilitation of the two Primary Tank traveling bridges; the replacement of the collector mechanisms in the remaining three Final Clarifier units including recoating two of the newer (1990s) mechanisms; and, the replacement of the collector mechanisms in the remaining five Gravity Thickener units. These are phases IV, IV, and II respectively to complete the planned rehabilitation of these treatment unit arrays. Each of these facilities were constructed in the 1970s.

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-18	Eligible Project Cost:	$50,664,200
Rank:	43		
County:	Camden	Total State Amount:	$50,664,200

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	550

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
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	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.508932
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	950.508932

Project Name, Number	Priority List Rank
Camden County Municipal Utilities Authority S340640-18 Sewage Treatment Plant (STP) - Improvement/Upgrade	43

County

Camden

Existing Population

508,932

Service Area

All of Camden County, NJ

Need for Project

Upgrading Camden County's wastewater treatment plant will enable it to optimize its water quality performance and thereby minimize adverse impact from the plant effluent upon the Delaware River. In addition, these improvements will significantly improve the plant's resiliency and also reduce the plant's carbon footprint as well.

Project Description

The CCMUA operates an 80 MGD wastewater treatment plant in Camden City the Delaware No. 1 WPCF. The CCMUA is proposing several upgrades to the wastewater treatment plant to (1) improvesustain optimal wastewater performance (2) improve resiliency and (3) reduce the plants carbon footprint. The most significant project is construction of a sludge digester at the wastewater treatment plant which would reduce the sludge generated at the plant by about 50 thereby reducing odor potential and generate sufficient biogas to generate about 50 of the electricity needed to run the plant. Thus the projects will render the plant more resilient and significantly reduce the carbon footprint of the facility

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S340699-03	Eligible Project Cost:	$363,247,172
Rank:	44		
County:	Middlesex	Total State Amount:	$363,247,172

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	0
			Population	0.49657
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	950.49657

Project Name, Number	Priority List Rank
Middlesex County Utilities Authority S340699-03 Sewage Treatment Plant (STP) - Improvement/Upgrade	44

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:	North Bergen Municipal Utilities Authority		
Project No.:	S340652-14	Eligible Project Cost:	$16,657,750
Rank:	45		
County:	Hudson	Total State Amount:	$16,657,750

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	250
			State Planning Commission	50
			Population	0.071949
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	950.071949

Project Name, Number	Priority List Rank
North Bergen Municipal Utilities Authority S340652-14 Sewage Treatment Plant (STP) - Improvement/Upgrade	45

County

Hudson

Existing Population

71,949

Service Area

The Woodcliff WWTF treats sewage from portions of North Bergen and Guttenberg. The service area encompasses approximately 1.15 square miles (734 acres). A map depicting this service area has been included as Attachment 5 to the Planning Document. Although the Woodcliff WWTF only treats sewage from a portion of North Bergen, all customers within North Bergen are billed for the operation and maintenance of the facility. Therefore, the borrower population for this project includes all of North Bergen and all of Guttenberg.

Need for Project

The WWWTF has recently been the site of a large rehabilitation project, during which several other items were noted as requiring minor to significant rehabilitation and/or replacement work. The project will ensure that this facility continues to meet or exceed all relevant New Jersey Department of Environmental Protection regulations. In addition, the Woodcliff WWTF is part of the NBMUAs CSO system and this project will allow the continued CSO system treatment.

Project Description

During a recent rehabilitation project at the NBMUA's Woodcliff WWTF several other items were noted as requiring minor to significant rehabilitation and/or replacement work. These items include replacement of primary clarifier equipment, repairing the leaking sludge storage tank, replacement of the lamella-type secondary clarifiers, improvements to ensure compliance with the NJDEP's permit limitations for Whole Effluent Toxicity, evaluation and possible upgrades of the existing sludge dewatering facilities, and replacing the chemical feed systems and controls.

Anticipated Recipient:	North Bergen Municipal Utilities Authority		
Project No.:	S340652-12	Eligible Project Cost:	$3,340,073
Rank:	46		
County:	Hudson	Total State Amount:	$3,340,073

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	250
			State Planning Commission	50
			Population	0.058092
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	950.058092

Project Name, Number	Priority List Rank
North Bergen Municipal Utilities Authority S340652-12 Combined Sewer Overflow (CSO) - Traditional Infrastructure	46

County

Hudson

Existing Population

58,092

Service Area

North Bergen Township

Need for Project

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

Project Description

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

Anticipated Recipient:	Hoboken City		
Project No.:	S340635-08	Eligible Project Cost:	$6,600,000
Rank:	47		
County:	Hudson	Total State Amount:	$6,600,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	100
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.050005
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	950.050005

Project Name, Number

Hoboken City
S340635-08
Combined Sewer Overflow (CSO) - Green Infrastructure

Priority List Rank

47

County

Hudson

Existing Population

50,005

Service Area

As its name entails, the Southwest Resiliency Park is located in the southwest quadrant of Hoboken. The Site is bounded by NJ Transit's Hudson Bergen Light Rail Transit tracks and the Palisades Cliffs in Jersey City to the west, Observer Highway and the Hoboken Business Center to the south, Harrison Street and the Southwest Resiliency Park on Block 12 (phase I) to the east and Academy Bus and Paterson St. to the north. The resiliency park will capture stormwater run-off from the immediate vicinity.

Need for Project

Hoboken's combined sewer system is operated by the North Hudson Sewerage Authority. All stormwater in the southwest quadrant of Hoboken flows into the combined sewer system contributing to CSO events. The southwest neighborhood is also at a relatively low point (+2' elevation). During high tides and rain events, the neighborhood experiences urbanized on-street flooding and sewer back-ups. By eliminating the impervious parking lot on block 10 and installing green infrastructure, the city anticipates reducing CSO events, stormwater run-off, non-point source pollution and urbanized flooding.

Project Description

The City of Hoboken seeks a low interest loan to implement phase II of Southwest Resiliency Park. The Southwest Resiliency Park (phase 1) was a one acre parking lot which will be transformed into an urban oasis using green infrastructure (rain gardens, bioswales, tree pits, porous pavers and subsurface chambers) to detain approximately 10,939 cubic feet of stormwater and keep it out of the combined sewer system during rain events. Phase II will expand the park westward by financing the acquisition of Block 10 (Lots 1-7 and 30-36). In addition, the City seeks financing for planning and design to engage in a robust public planning process to develop concept and schematic designs, engineering plans, specifications and estimates, as well as to obtain necessary permits and approvals (deleted Block 9 and lot 37 from Block 10 according to the email from Stephen Marks dated 5/15/17).

Anticipated Recipient:	Berkeley Heights Township		
Project No.:	S340385-05	Eligible Project Cost:	$1,973,289
Rank:	48		
County:	Union	Total State Amount:	$1,973,289

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500
III. WATER USE/WATER QUALITY POINTS		
A. 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	0/25
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	100
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	200
			State Planning Commission	0
			Population	0.013407
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	950.013407

Project Name, Number	Priority List Rank
Berkeley Heights Township S340385-05 Sewage Treatment Plant (STP) - Improvement/Upgrade	48

County

Union

Existing Population

13,407

Service Area

Township of Berkeley Heights

Need for Project

To meet new permit limits the proposed project will make modifications to the existing treatment processes to allow for dentrification.

Project Description

The proposed upgrade includes modifications to the existing treatment processes to allow for dentrification. Additional work includes necessary improvements to the sludge digestion equipment rehabilitation of sand filters and the replacement of the grit classifier and conveyor. The project also includes replacement of the equalization basin liner.

Anticipated Recipient:	Hopatcong Borough		
Project No.:	S340488-05	Eligible Project Cost:	$17,222,998
Rank:	49		
County:	Sussex	Total State Amount:	$17,222,998

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0

II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	275
			State Planning Commission	15
			Population	0.015888
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	940.015888

Project Name, Number	Priority List Rank
Hopatcong Borough S340488-05 Sanitary Sewer System - New	49

County

Sussex

Existing Population

15,888

Service Area

Borough of Hopatcong

Need for Project

This project is necessary to protect the waters of Lake Hopatcong (FW2-TM) a potable water supply source. Wastewater treatment methods in Hopatcong Borough consist of individual on-site systems. There are reported septic system failures which have been determined to adversely affect fishable (trout) and primary contact recreation uses of the lake. Water quality does not meet standards for dissolved oxygen and nutrients and marginally meet standards for fecal coliform and toxics. Nutrient inputs from existing septic systems would continue to be a major source of excessive aquatic plant and algae growth even if all systems were operating properly. The project is needed to eliminate septic systems in the densely developed portion of the watershed.

Project Description

The proposed project includes the installation of a collection and conveyance system to connect approximately 609 homes to the Musconetcong Sewerage Authoritys STP which will treat the new flows from the Borough of Hopatcong.

Anticipated Recipient:	Paterson City		
Project No.:	S340850-05	Eligible Project Cost:	$1,935,000
Rank:	50		
County:	Passaic	Total State Amount:	$1,935,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	175
			State Planning Commission	50
			Population	0.146753
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	925.146753

Project Name, Number	Priority List Rank
Paterson City S340850-05 Combined Sewer Overflow (CSO) - Traditional Infrastructure	50

County

Passaic

Existing Population

146,753

Service Area

The service area is a mixed landuse of residential and commercial activites along local streets

Need for Project

The project scope is to separate the CSO and reduce burden on the treatment facility.

Project Description

The project goal is to abandon the existing CSO (023). The work comprises separation of storm water from sanitary sewage by installation of separate storm water drainage system, connecting the existing CSO outfall to the Stormwater outfall into Passaic River, modifications to the existing sanitary sewage conveyance system, modifications to the existing regulator to connect the sanitary sewers to the trunk sewer. These improvements will reduce the cost for sanitary sewage treatment system and improve the overall sanitary and storm water system.

Anticipated Recipient:	Paterson City		
Project No.:	S340850-06	Eligible Project Cost:	$2,161,100
Rank:	50		
County:	Passaic	Total State Amount:	$2,161,100

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	175
			State Planning Commission	50
			Population	0.146753
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	925.146753

Project Name, Number	Priority List Rank
Paterson City S340850-06 Combined Sewer Overflow (CSO) - Traditional Infrastructure	50

County

Passaic

Existing Population

146,753

Service Area

The service area is a mixed land use of residential, commercial, and industrial activities.

Need for Project

The project objective, by separating the CSO, is to reduce the burden on the treatment facility.

Project Description

The project goal is to abandon the existing CSO (027). The work comprises separation of storm water from sanitary sewage by installation of separate storm water drainage system, connecting the existing CSO outfall to the storm water outfall into Passaic River, modifications to the existing sanitary sewage conveyance system, modifications to the existing regulator to connect the sanitary sewers to the trunk sewer. These improvements will reduce the cost for the sanitary sewage treatment system and improve the overall sanitary and storm water system.

Anticipated Recipient:	Paterson City		
Project No.:	S340850-07	Eligible Project Cost:	$2,137,200
Rank:	50		
County:	Passaic	Total State Amount:	$2,137,200

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	175
			State Planning Commission	50
			Population	0.146753
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	925.146753

Project Name, Number	Priority List Rank
Paterson City S340850-07 Combined Sewer Overflow (CSO) - Traditional Infrastructure	50

County

Passaic

Existing Population

146,753

Service Area

Service area includes a school, commercial and industrial businesses, and some residential properties.

Need for Project

Project objective is to separate the CSO to reduce burden on the treatment facility and to construct a storm sewer system to alleviate local flooding.

Project Description

There is a limited storm sewer system that is currently connected to the sanitary sewer on W. Railway Avenue. However, approximately 90% of the road does not include any storm water collection system and as such the area; which includes a school, commercial and industrial businesses, and some residential properties, are subject to frequent flooding. In consideration of the chronic flooding, it is economically prudent to construct a storm sewer system to alleviate the flooding that impacts the local business and the well being of the school and residential public. It is proposed to disconnect the storm sewers inlets from the existing sanitary sewer and to construct a new storm sewer system for the full length of W. Railway Avenue and to connect to a County storm sewer system on Crooks Avenue at the Paterson/Clifton boundary.

Anticipated Recipient:	Paterson City		
Project No.:	S340850-03-1	Eligible Project Cost:	$2,510,318
Rank:	53		
County:	Passaic	Total State Amount:	$2,510,318

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	175
			State Planning Commission	50
			Population	0.145627
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	925.145627

Project Name, Number	Priority List Rank
Paterson City S340850-03-1 Combined Sewer Overflow (CSO) - Traditional Infrastructure	53

County

Passaic

Existing Population

145,627

Service Area

This is one of the outfalls that services the downtown Paterson area

Need for Project

CSO solids and floatables control is one of the primary focuses of the Department and is one of the key first steps to improve water quality in the Passaic River.

Project Description

During the course of construction of the Solids and floatables control facility for CSO 029, NJDEP Project Number 340850-04, the project encountered two major issues. Despite preconstruction evaluation and testing, an extraordinary amount of soil contamination was encountered. This required testing and disposal at an appropriate out of State facility. The second item was that there was a utility conflict between one of the diverson chambers and the main electrical duct bank that supplies downtown Paterson. This required the redesign of the chamber and extensive measures to monitor and protect the ductbank during the construction of the chamber.

Anticipated Recipient:	Pennsauken Township		
Project No.:	S340349-03	Eligible Project Cost:	$5,308,104
Rank:	54		
County:	Camden	Total State Amount:	$5,308,104

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	225

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	100
			State Planning Commission	0
			Population	0.03474
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	925.03474

Project Name, Number | **Priority List Rank**

Pennsauken Township
S340349-03 | 54
Combined Sewer Overflow (CSO) - Traditional Infrastructure

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 130Madison 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:	Hopatcong Borough		
Project No.:	S340488-08	Eligible Project Cost:	$600,000
Rank:	55		
County:	Sussex	Total State Amount:	$600,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	25
Toxics	0	25	50	50
			Subtotal	275
			State Planning Commission	0
			Population	0.015147
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	925.015147

Project Name, Number	Priority List Rank
Hopatcong Borough S340488-08 Sanitary Sewer System - New	55

County

Sussex

Existing Population

15,147

Service Area

The Hopatcong Sewer Department provides sanitary sewer service in the Borough of Hopatcong. The customers are primarily residential except for municipal facilities, schools and some small businesses. The sanitary sewer system does not serve the entire Borough. The system presently has approximately 3,000 active accounts. Assuming 3 persons per account, the system supplies approximately 9,000 persons, or 63 percent of the total population. Residents not connected to the municipal sanitary sewer system have septic systems. The homeowners frequently turn to the municipal sanitary sewer system when their septic systems fail.

Need for Project

The existing property owners on Hudson Avenue currently utilize septic systems. These septic systems are in close proximity to Lake Hopatcong and, as a result, often have water quality and health concerns. The availability of sanitary sewer would alleviate the water quality and health concerns for these residents and improve the water quality within Lake Hopatcong

Project Description

The project is to construct approximately 2,300 L.F. of new sanitary sewer on Hudson Avenue within the Borough of Hopatcong. New SDR-21 PVC sewer pipe will be installed from approximately house # 130 Hudson Avenue to approximately house #243 Hudson Avenue in the Hudson Road Right of Way. A 2.5-inch SDR-21 PVC low pressure sewer pipe is proposed for the purpose of carrying sanitary sewer in the Hudson Road Right of Way. The project will also include the installation of services for the 32 residential homes on Hudson Avenue. Grinder pumps will be supplied to the homeowners for connection into the low pressure sewer main. Rock excavation is anticipated to be required as part of the installation.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-42	Eligible Project Cost:	$37,000,000
Rank:	56		
County:	Hudson	Total State Amount:	$37,000,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.265549
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.265549

Project Name, Number	Priority List Rank
Jersey City Municipal Utilities Authority S340928-42 Combined Sewer Overflow (CSO) - Traditional Infrastructure	56

County

Hudson

Existing Population

265,549

Service Area

The JCMUA combined sewer system services an area of approximately 6,500 acres with a population of over 250,000 (based on US Census data). Additional flow is also accepted from parts of Union City, North Bergen and Bayonne.

Need for Project

The water quality need for the project is to prevent and/or minimize the continued deterioration and eventual failure of the existing sanitary sewage infrastructure that would result in backup and overflow of of the system's raw sanitary sewage and storm water into residential and commercial areas impacting area residents and businesses and creating potential health hazards, as well as, impacting the surrounding receiving water bodies. The project is also necessary to address issues noted in the Consent Decree issued by the USEPA and entered into by the JCMUA.

Project Description

The JCMUA proposes to implement various construction improvements to its existing combined sewer system. The work includes replacement of approximately 20,000 LF of combined sewer pipe ranging in size from 8 to 24 inches in diameter in various sections of central Jersey City. Other work includes replacement of up to 150 sewer manholes (4 to 7 feet in diameter); interior lining of up to 90 sewer manholes; reconnection of existing sewer service laterals and drainage piping, trench and road restoration.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-40	Eligible Project Cost:	$3,512,000
Rank:	57		
County:	Hudson	Total State Amount:	$3,512,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.257342
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.257342

Project Name, Number	Priority List Rank
Jersey City Municipal Utilities Authority S340928-40 Sanitary Sewer System Rehabilitation	57

County

Hudson

Existing Population

257,342

Service Area

Jersey City is the second largest city in the State of New Jersey with a population in excess of 250,000 persons. Sewer service is supplied to the population throughout the municipal limits of the City through a network of collection sewers (both combined and separated) and pump stations.

Need for Project

The replacement of the existing bar screens will reduce the risk of future failure and allow for continuous operation in the future.

Project Description

The project generally consists of the replacement of three (3) existing bar screens at the Westside Pump Station and three (3) existing bar screens at the Eastside Pump Station. In addition, the existing screenings conveyor at the Westside Pump Station will be replaced. The existing screens are proposed to be replaced in-kind.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-41	Eligible Project Cost:	$4,278,193
Rank:	58		
County:	Hudson	Total State Amount:	$4,278,193

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.247597

Project Name, Number	Priority List Rank
Jersey City Municipal Utilities Authority S340928-41 Combined Sewer Overflow (CSO) - Traditional Infrastructure	58

County

Hudson

Existing Population

247,597

Service Area

The Van Winkle Avenue drainage area is the impacted area affected by this project. Van Winkle Avenue is located in the northern section of Jersey City and consists of both residential and commercials establishments.

Need for Project

This project is required to correct an undersized, deteriorated combined sewer outfall which is causing upstream flooding.

Project Description

The Jersey City Municipal Utilities Authority (JCMUA) is proposing to remove approximately 700 LF of existing, undersized, deteriorated thirty six (36) inch diameter RCP combined sewer main and replace it with new seven by five (7 x 5) feet precast box culvert. The proposed replacement gravity combined sewer main would be replaced in the same location as the existing sewer main within Block 7402, Lots 4, 6 & 8 which are an extension to the Van Winkle Avenue combined sewer system. This project also includes the rehabilitation or replacement of manholes, rip rap lining the channel on the discharge section of the existing netting chamber and all appurtenance

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-33	Eligible Project Cost:	$7,435,291
Rank:	58		
County:	Hudson	Total State Amount:	$7,435,291

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.247597

Project Name, Number	Priority List Rank
Jersey City Municipal Utilities Authority S340928-33 Sanitary Sewer System Rehabilitation	58

County

Hudson

Existing Population

247,597

Service Area

Jersey City is the second largest city in the State of New Jersey with a population of approximately 260,000 persons. The project generally consists of the replacement of 240 LF of the 54" brick siphon and sanitary sewer from the intersection of Pine and Ash Street across the Conrail Tracks to a downstream manhole. In addition, the project will include the cleaning and lining of approximately 600 LF of existing sewer main along Pine Street.

Need for Project

The replacement of this portion of the 54" diameter brick sewer will reduce the risk of future failure of the pipe and the discharge of raw sewage into waterways.

Project Description

The project generally consists of the replacement of an existing 54" brick siphon that crosses below the Conrail tracks in the area of Pine Street in Jersey City. An internal inspection of the brick siphon revealed that the interior is deteriorating and in need of immediate replacement as it has reached the end of its useful life. The 54" brick pipe will be replaced with approximately 160 LF of of 54" diameter centrifugally cast fiberglass reinforced polymer mortar (CCFRPM) pipe in a 72" steel casing installed via trenchless installation beneath the railroad tracks. An additional 75 LF of CCFRPM pipe will be installed by open-cut and approximately 600 LF of upstream sewer pipe will be cleaned and lined.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-31	Eligible Project Cost:	$11,059,600
Rank:	58		
County:	Hudson	Total State Amount:	$11,059,600

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.247597

Project Name, Number	Priority List Rank
Jersey City Municipal Utilities Authority S340928-31 Sanitary Sewer System Rehabilitation	58

County

Hudson

Existing Population

247,597

Service Area

Jersey City is the second largest city in the State of New Jersey with a population of approximately 260,000 persons. The project described in this report consists of force main replacement in the area along the New Jersey Transit Light Rail bounded by West Side Avenue to the west, and Martin Luther King Drive to the east.

Need for Project

The replacement of the portion of 54" diameter force main will reduce the risk of future failure of the pipe and the discharge of raw sewage into waterways.

Project Description

The JCMUA has undertaken an analysis of pipe replacement needs in the 54 inch PCCP force main. The analysis included internal inspections using acoustic leak and gas pocket detection, electromagnetic inspection and internal video television inspection. Upon television inspection, hydrogen sulfide eroded the inner core of the PCCP, exposing the steel cylinder. The structural deterioration of the inner core identifies the priority areas for the replacement of the force main. The JCMUA proposes to replace approximately 2,800 lf of the 54" diameter force main in the deteriorated areas. The Project described in this report is considered by the JCMUA as the highest priority.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-15	Eligible Project Cost:	$38,467,004
Rank:	58		
County:	Hudson	Total State Amount:	$38,467,004

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.247597

Project Name, Number

Jersey City Municipal Utilities Authority
S340928-15
Sanitary Sewer System Rehabilitation

Priority List Rank

58

County

Hudson

Existing Population

247,597

Service Area

The JCMUA service area consists of approximately 6,500 acres with a 2010 census population of 247,597. Some flow from Union City, North Bergen and Bayonne flows into the system. The total flow discharged to PVSC by the Jersey City sewer system is approximately 54 MGD.

Need for Project

This project will carry out sewer rehabilitation work included in the Consent Decree between JCMUA and USEPA. The Project will consist of three contracts. Contract 1A will remove blockage and conduct emergency repairs for approximately 17,000 linear feet of existing combined sewers with the goal of the restoring the capacity of the existing sewers. Contract 1B will include replacement of sections of sewers that were determined to be beyond repair under Contract 1A. Contract 2 will replace approximately 11,500 linear feet of existing combined sewers which have been identified through detailed video inspection. Under its Combined Sewer System Capacity and Condition Assessment Study, the Authority has implemented an extensive program to inspect and evaluate its sewer system in order to identify actions needed to address structural and functional issues. The sewers scheduled to be addressed under this improvements project were initially evaluated under Phases 3 and 4 of the Capacity and Co

Project Description

(Carryover SFY2015) - The Project will consist of three contracts. Contract 1A will remove blockage and conduct emergency repairs for approximately 17000 linear feet of existing combined sewers with the goal of the restoring the capacity of the existing sewers. Contract 1B will include replacement of sections of sewers that were determined to be beyond repair under Contract 1A. Contract 2 will replace approximately 11500 linear feet of existing combined sewers which have been identified through detailed video inspection.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-21	Eligible Project Cost:	$622,571
Rank:	58		
County:	Hudson	Total State Amount:	$622,571

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.247597

Project Name, Number	Priority List Rank
Jersey City Municipal Utilities Authority S340928-21 Combined Sewer Overflow (CSO) - Traditional Infrastructure	58

County

Hudson

Existing Population

247,597

Service Area

The Jersey City sewer system services an area of 6,500 acres with a population of approximately 247,597 (2010 Census). Additional flow is accepted from parts of Union City, North Bergen and Bayonne.

Need for Project

Deterioration and eventual failure of the existing infrastructure resulting in the backup and overflow of raw sanitary sewage and storm water that would create a health hazard for residents, workers and transients in the area served by the sewer system and in the waters receiving the discharge from the collapsed sewer. No action would also be contrary to the Consent Decree that the JCMUA has entered into with the USEPA.

Project Description

The JCMUA plans to implement the replacement of approximately 85 sewer pipes with pipes of the same diameter which the JCMUAs Phase V of Combined Sewer and Condition Assessment Study identified as in imminent danger of collapse and the repair of approximately 89 sewer pipes that are in imminent danger of collapse based upon results of JCMUAs Phase V of Combined Sewer and Condition Assessment Study.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-16	Eligible Project Cost:	$8,987,500
Rank:	58		
County:	Hudson	Total State Amount:	$8,987,500

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.247597

Project Name, Number	Priority List Rank
Jersey City Municipal Utilities Authority S340928-16 Decentralized Wastewater (or Septic) System Repair/Replacement	58

County

Hudson

Existing Population

247,597

Service Area

The Sewer Service area for this project is in the vicinty of Sixth Street in Jersey City in Hudson County.

Need for Project

This project is needed to correct a serious problem with silt damming the Sixth Street Combined Sewer Outfall preventing the discharge of wet weather flows, which causes the flows to back up into the combined sewer system creating flooding conditions.

Project Description

(Carryover SFY2015) - The proposed project includes the extension of the Sixth Street Combined Sewer Outfall. The outfall will be extended 1300 linear feet into the Hudson River where it will be submerged on timber pipe cradles to prevent the pipe from floating. A tide flex valve will also be installed to prevent backflow from the river.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-23	Eligible Project Cost:	$1,846,000
Rank:	58		
County:	Hudson	Total State Amount:	$1,846,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.247597

Project Name, Number	Priority List Rank
Jersey City Municipal Utilities Authority S340928-23 Sanitary Sewer System Rehabilitation	58

County

Hudson

Existing Population

247,597

Service Area

The service area for JCMUA is coterminous with the City of Jersey City boundary line.

Need for Project

The existing facilities are part of JCMUA's combined sewer system and were severely damaged during Superstorm Sandy resulting in failure of all three pumping stations during the storm event. All three facilities service the waterfront section of Jersey City in the Port Jersey/Port Liberte areas and are directly adjacent to the Upper New York Bay. Proposed improvements are intended to make the existing pumping stations and its equipment more resilient against future storm events.

Project Description

We would like to pursue CBDG Funds. JCMUA proposes various mechanical, electrical and structural improvements to three (3) existing sub-pumping stations that were severely damaged during Superstorm Sandy. Proposed improvements are intended to repair and/or replaced damaged equipment/structures and make the pumping facilities more resilient during future storm events. Improvements include pump replacement, emergency generator replacement, and storm hardening of the critical equipment at each facility. This work includes construction of elevated platforms for the generator and electrical equipment, structural modifications to the dry well manways to raise them up to the new platform elevations, relocation of critical equipment and installation of water tight hatches.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-29	Eligible Project Cost:	$15,360,000
Rank:	58		
County:	Hudson	Total State Amount:	$15,360,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.247597

Project Name, Number	Priority List Rank
Jersey City Municipal Utilities Authority S340928-29 Sanitary Sewer System Rehabilitation	58

County

Hudson

Existing Population

247,597

Service Area

City of Jersey City

Need for Project

The overall sewer replacement project will permit the completion of a ongoing chromium remediation project to occur and also replace a portion of the 100 year old pipe of questionable integrity, avoiding potential sewage spills.

Project Description

Replacement of 1,100 linear feet of an existing 96-inch diameter steel combined sewer on Carteret Avenue between Garfield Avenue and Pacific Avenue to permit the completion of a chromium remediation project.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-24	Eligible Project Cost:	$16,167,000
Rank:	58		
County:	Hudson	Total State Amount:	$16,167,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.247597

Project Name, Number	Priority List Rank
Jersey City Municipal Utilities Authority S340928-24 Combined Sewer Overflow (CSO) - Traditional Infrastructure	58

County

Hudson

Existing Population

247,597

Service Area

The Jersey City Municipal Utilities Authority service area consists of approximately 6,500 acres with a 2014 population estimate per the United States Census Bureau of 262,146 persons (2010 United States Census population of 247,597 persons). Two regional pump stations, associated with east side and west side of the City respectively, convey a total of approximately 54 million gallons per day (MGD) of wastewater to the Passaic Valley Sewerage Commission treatment plant in Newark, NJ. The proposed project involves the rehabilitation of particular combined sewer segments located throughout the municipality. The majority of the sewers within the City are combined sewers and most are estimated to be over eighty years old.

Need for Project

The Authority plans to implement the improvements identified for this project to restore the structural condition and hydraulic capacity of the targeted combined sewers. The project is needed to prevent the continued deterioration and eventual failure of the sewers, which would result in the backup and discharge of raw sewage that would create a public health hazard to the residents, workers, and institutions in the areas served. Such a discharge would also further degrade the already impaired water quality of the CSO receiving waters, such as the Hackensack River, Newark Bay, and Hudson River. The project also addresses requirements of a Consent Decree with the USEPA and the NJPDES Combined Sewer Management permit.

Project Description

The City of Jersey City is pursing green infrastructure projects in the City to reduce the combined sewer impacts to the community. These projects are not to exceed $1,000,000.00. This project involves the rehabilitation of existing combined sewer mains and associated manholes, inlets, and appurtenances owned and operated by the Jersey City Municipal Utilities Authority located throughout the municipality of Jersey City (Hudson County, NJ). Under the proposed project, approximately 7,400 linear feet of existing combined sewer mains will be repaired by the method of cured-in-place pipe (CIPP) lining, including associated sewer cleaning, internal television inspection, pipeline sealing, and other appurtenant work. The Phase 1-2 Sewer Rehabilitation Project also proposes to replace approximately 7,000 linear feet of existing combined sewers with pipes of essentially the same internal dimensions and capacity of existing sewers that have been determined to be beyond repair.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-17	Eligible Project Cost:	$1,396,910
Rank:	58		
County:	Hudson	Total State Amount:	$1,396,910

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.247597

Project Name, Number

Jersey City Municipal Utilities Authority
S340928-17
Decentralized Wastewater (or Septic) System Repair/Replacement

Priority List Rank

58

County

Hudson

Existing Population

247,597

Service Area

N/A

Need for Project

N/A

Project Description

(Carryover SFY2015) - This project is for the construction of eight (8) new wet weather pumping stations replacement of the Claremont Carteret Tide Gate Chamber Repairs to the East Side Plant and Repairs to various regulators outfalls and solids floatables facilities that are owned and operated by the Jersey City Municipal Utilities Authority (JCMUA) located in Jersey City Hudson County New Jersey. The project includes the construction of new below-grade wet weather pumping stations electrical room and standby generators.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-35	Eligible Project Cost:	$7,774,166
Rank:	58		
County:	Hudson	Total State Amount:	$7,774,166

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.247597

Project Name, Number

Jersey City Municipal Utilities Authority
S340928-35
Sanitary Sewer System Rehabilitation

Priority List Rank

58

County

Hudson

Existing Population

247,597

Service Area

Jersey City is the second largest city in the State of New Jersey with a population of approximately 250,000 persons. The selected plan will include the rehabilitation and/or replacement of approximately 1,300 lf of existing 96” diameter steel combined gravity sewer and approximately 1,300 lf of existing 72” diameter concrete combined gravity sewer. Additionally, construction of manholes, excavation, backfill, and restoration will also be included in the project. The project also involves rehabilitation of the existing 96” diameter steel combined gravity sewer and of the existing 72” diameter concrete combined gravity sewer under five railroad tracks owned and operated by NJ Transit and Conrail.

Need for Project

N/A

Project Description

Carteret Ave Phase II- The project will involve the cleaning, lining, and rehabilitation and/or replacement of approximately 1,300 lf of existing 96" diameter steel combined gravity sewer and approximately 1,300 lf of existing 72" diameter concrete combined gravity sewer. Additionally, construction of manholes, excavation, backfill, and restoration will also be included in the project.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-18	Eligible Project Cost:	$5,308,104
Rank:	58		
County:	Hunterdon	Total State Amount:	$5,308,104

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.247597

Project Name, Number	Priority List Rank
Jersey City Municipal Utilities Authority S340928-18 Decentralized Wastewater (or Septic) System Repair/Replacement	58

County

Hunterdon

Existing Population

247,597

Service Area

N/A

Need for Project

N/A

Project Description

(Carryover SFY2015) - This project is for the construction of eight (8) new wet weather pumping stations replacement of the Claremont Carteret Tide Gate Chamber Repairs to the East Side Plant and Repairs to various regulators outfalls and solids floatables facilities that are owned and operated by the Jersey City Municipal Utilities Authority (JCMUA) located in Jersey City Hudson County New Jersey. The project includes the construction of new below-grade wet weather pumping stations electrical room and standby generators.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-19	Eligible Project Cost:	$6,614,815
Rank:	58		
County:	Hudson	Total State Amount:	$6,614,815

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.247597

Project Name, Number	Priority List Rank
Jersey City Municipal Utilities Authority S340928-19 Decentralized Wastewater (or Septic) System Repair/Replacement	58

County

Hudson

Existing Population

247,597

Service Area

N/A

Need for Project

N/A

Project Description

(Carryover SFY2015) - This project is for the construction of eight (8) new wet weather pumping stations replacement of the Claremont Carteret Tide Gate Chamber Repairs to the East Side Plant and Repairs to various regulators outfalls and solids floatables facilities that are owned and operated by the Jersey City Municipal Utilities Authority (JCMUA) located in Jersey City Hudson County New Jersey. The project includes the construction of new below-grade wet weather pumping stations electrical room and standby generators.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-20	Eligible Project Cost:	$6,361,818
Rank:	58		
County:	Hudson	Total State Amount:	$6,361,818

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.247597

Project Name, Number | **Priority List Rank**

Jersey City Municipal Utilities Authority
S340928-20 | 58
Decentralized Wastewater (or Septic) System Repair/Replacement

County

Hudson

Existing Population

247,597

Service Area

The service area tributary to the project includes the residential area known a Country Village which is approximately 35 acres. Country Village is bounded on the West by State Highway Route 440, on the East by Sycamore Road, on the North by Pinecrest Road and to the South by the municipal border with Bayonne. It also includes the Mina Drive subdrainage area consists of 192 acres and a majority of which is residential.

Need for Project

The sewage collection system in Jersey City is mostly combined. The system carries away the sanitary sewage on a daily basis and handles most storm flow adequately. Recently heavy rains experienced during periods of high tide have resulted in street and building flooding. The residents of this area have experienced many backups and suffered property loss and have voiced their concern about possible health hazards created by these backups. In an attempt to abate/resolve some of the flooding issues the JCMUA is proposing to install submersible pumps downstream of the nets in the netting facility. The pumps will facilitate pumping the water out which would normally be gravity fed into the receiving waterway but is hindered due to high tide conditions.

Project Description

(Carryover SFY2015) - JCMUA is proposing to install submersible pumps downstream of the nets in the netting facility. The pumps will facilitate pumping the water out which would normally be gravity fed into the receiving waterway but is hindered due to high tide conditions.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-34	Eligible Project Cost:	$1,181,180
Rank:	58		
County:	Hudson	Total State Amount:	$1,181,180

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.247597

Project Name, Number	Priority List Rank
Jersey City Municipal Utilities Authority S340928-34 Sanitary Sewer System Rehabilitation	58

County

Hudson

Existing Population

247,597

Service Area

Jersey City is located in south central Hudson County and has a land area of 14.79 square miles. The rapidly growing population is estimated at 264,290 . This represents an increase of about 6.7 percent from the 2010 population of 247,597 . The city is bounded by the Hackensack River and Newark Bay to the west, the City of Bayonne to the south, the City of Hoboken to the north, and the Hudson River to the east. Land use within the project area is categorized as urban residential, high density or multiple dwelling, commercial/services, railroads, industrial, other urban or built-up land, and mixed urban or built-up land.

Need for Project

It is essential the aging infrastructure be replaced or rehabilitated. The selected sanitary sewers have significant damage and deterioration, as was determined through a televised inspection of the sewers. Without action, there is the potential for collapse of these existing sewer mains which would leave all the associated residents without sewer service. Additionally, infiltration of groundwater into the sewers reduces capacity of all downstream pipes, which may restrict or prohibit future development. The added flow caused by infiltration and inflow also causes a burden on the receiving treatment plant. Rehabilitation of these sewer mains, as opposed to replacing the mains outright, will mitigate inflow and infiltration while limiting negative impact to the community.

Project Description

This project consists of the rehabilitation of approximately 1,335 linear feet (L.F.) of existing sanitary sewer main at four (4) locations in Jersey City, Hudson County, New Jersey. 1. Pacific Avenue; 2. Halladay Street; 3. Pine Street and Suydam Avenue; and 4. Grand Street. The selected sections of sewer main have shown increased deterioration due to the close proximity to New Jersey Transit railways. Rehabilitation of the sewer mains will be performed utilizing trenchless technology.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-38	Eligible Project Cost:	$334,872
Rank:	58		
County:	Hudson	Total State Amount:	$334,872

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.247597

Project Name, Number	Priority List Rank
Jersey City Municipal Utilities Authority S340928-38 Combined Sewer Overflow (CSO) - Traditional Infrastructure	58

County

Hudson

Existing Population

247,597

Service Area

This project will be located on various roads within Jersey City, with all work taking place within the City's existing right-of-ways. All work will also be in existing asphalt paved roadways.

Need for Project

This project is required to improve the combined sewer system by removing the infiltration/exfiltration.

Project Description

As part of the capital improvements required to maintain their combined sewer system, the Jersey City Municipal Utilities Authority is proposing to remove and replace or rehabilitate by trenchless technology approximately 13,126 linear feet of sewer mains. This project will also include removal and replacement of associated manholes, storm inlets, sanitary sewer laterals and restorations.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-39	Eligible Project Cost:	$31,877,947
Rank:	58		
County:	Hudson	Total State Amount:	$31,877,947

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.247597

Project Name, Number	Priority List Rank
Jersey City Municipal Utilities Authority S340928-39 Sanitary Sewer System Rehabilitation	58

County

Hudson

Existing Population

247,597

Service Area

The JCMUA is responsible for the operation and maintenance of the local sewer system throughout Jersey City. All sewer rehabilitation locations are within the sewer service area under the jurisdiction of the Passaic Valley Sewerage Commission (PVSC). The local sewer mains ultimately feed a 22-mile interceptor sewer line maintained by PVSC that passes through five (5) New Jersey counties and discharges to PVSC's Newark Bay Treatment plant. The plant can handle approximately 330 million gallons per day (mgd) under average conditions. Jersey City has a population of 247,597 (2010 US Census).

Need for Project

The purpose of this project is to comply with the Consent Decree Agreement with the United Sates Environmental Protection Agency (EPA). A copy of this agreement is included in Appendix B of the project report. It is essential that the aging infrastructure be replaced or rehabilitated. A majority of the JCMUA sewers are combined sewers and are over 75 years old. The selected sanitary sewers have significant damage and deterioration, as was determined through a televised inspection of the sewers. Without action, there is the potential for collapse of these existing sewer mains which would leave all the associated residents without sewer service. Additionally, infiltration of groundwater into the sewers reduces capacity of all downstream pipes, which may restrict or prohibit future development. The added flow caused by infiltration and inflow also causes a burden on the receiving treatment plant.

Project Description

The project scope includes the replacement of approximately 23,248 LF of sewer main containing approximately 1,050 services, 840 residential services and 210 commercial services, respectively. The existing mains will be replaced with new PVC pipe, ranging from 10" to 24", or CCFRPM pipe, ranging from 30" to 54". The replacement is to include installation of a new main in the same location, new laterals to the new main, and removal of the existing main. The scope will also include installation of new manholes or rehabilitation of existing manholes. The depth of the sewer main pipe construction will range from four (4) feet to 15 feet. The project will also include municipal roadway final pavement for the full width of the roadway in the project areas, including cutting in keyway and installation of Hot Mix Asphalt and surface course.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-36	Eligible Project Cost:	$10,800,000
Rank:	58		
County:	Hudson	Total State Amount:	$10,800,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.247597

Project Name, Number	Priority List Rank
Jersey City Municipal Utilities Authority S340928-36 Sanitary Sewer System Rehabilitation	58

County

Hudson

Existing Population

247,597

Service Area

Jersey City is the second largest city in the State of New Jersey with a population of approximately 250,000 persons. The selected plan will include the replacement of approximately 182 LF of 8” pipe, 135 LF of 10” pipe, 1730 LF of 12” pipe, 830 LF of 15” pipe, 4563 LF of 18” pipe, 100 LF of 20” pipe, 1790 LF of 24” pipe, 300 LF of 27” pipe, 460 LF of 30” pipe, 560 LF of 54” pipe, and 200 LF of 27”x 20” pipe. These areas of the sewer system have been identified as nearing the end of their useful lives. Manholes, sending and receiving pits, excavation, backfill, and restoration are also included in construction.

Need for Project

N/A

Project Description

5B Sewer - There are approximately 38 locations throughout the city where the sewer main is to be replaced based on earlier CCTV work completed by the JCMUA and an assessment of the sewer condition. The total length of sewer mains for replacement is approximately 10,850 FT.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-28	Eligible Project Cost:	$340,057
Rank:	58		
County:	Hudson	Total State Amount:	$340,057

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.247597

Project Name, Number	Priority List Rank
Jersey City Municipal Utilities Authority S340928-28 Combined Sewer Overflow (CSO) - Traditional Infrastructure	58

County

Hudson

Existing Population

247,597

Service Area

The Van Winkle Avenue Combined Sewer Rehabilitation Project limits are between John F. Kennedy Boulevard and Senate Place, which is a part of the overall combined sewer system which services the City of Jersey City.

Need for Project

To improvement the existing combined sewer system by removing inflow/infiltration.

Project Description

This project includes the rehabilitation of the existing combined sewer on Van Winkle Avenue by the trenchless technology method and removal and replacement method.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-07	Eligible Project Cost:	$3,345,345
Rank:	77		
County:	Hudson	Total State Amount:	$3,345,345

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.240055
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.240055

Project Name, Number | **Priority List Rank**

Jersey City Municipal Utilities Authority
S340928-07 | 77
Combined Sewer Overflow (CSO) - Traditional Infrastructure

County

Hudson

Existing Population

240,055

Service Area

Jersey City Kearny Secaucus

Need for Project

The JCMUA sewer system is in need of a number improvements and repairs to eliminate excess flows and improve overall efficiency.

Project Description

The proposed project includes reconstruction & realignment of the Northwest Interceptor replacement of a pump station and improvements to other pump stations relocation of sewers from under buildings to the street and separation of sanitary and storm lines in the buildings elimination of an interconnection and rehabilitation of storm and sewer lines. The installation of new tide gates and regulator repairs are also proposed.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-03	Eligible Project Cost:	$47,046,859
Rank:	77		
County:	Hudson	Total State Amount:	$47,046,859

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.240055
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.240055

Project Name, Number | **Priority List Rank**

Jersey City Municipal Utilities Authority
S340928-03 | 77
Combined Sewer Overflow (CSO) - Traditional Infrastructure

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:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-04	Eligible Project Cost:	$2,437,780
Rank:	77		
County:	Hudson	Total State Amount:	$2,437,780

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.240055
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.240055

Project Name, Number | **Priority List Rank**

Jersey City Municipal Utilities Authority
S340928-04 | 77
Combined Sewer Overflow (CSO) - Traditional Infrastructure

County

Hudson

Existing Population

240,055

Service Area

Jersey City

Need for Project

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

Project Description

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

Anticipated Recipient:	Elizabeth City		
Project No.:	S340942-18	Eligible Project Cost:	$4,423,429
Rank:	80		
County:	Union	Total State Amount:	$4,423,429

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	50
			Population	0.124969
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	960.124969

Project Name, Number

Elizabeth City
S340942-18
Combined Sewer Overflow (CSO) - Green Infrastructure

Priority List Rank

80

County

Union

Existing Population

124,969

Service Area

n/a

Need for Project

n/a

Project Description

(Carryover SFY2015) - The recommended alternative calls for isolating the flooding area from the CSO outfall by rerouting the existing outfall through an industrial property to Progress Street and reconnecting to the existing outfall on Progress Street. The local drainage that connected to the outfall will be connected to an existing storm sewer on Dowd Avenue. Additional protection against high water levels in the great ditch will be provided by using box culverts in the Progress Street right-of-way to provide storage for excess runoff low areas. Flow into the box culverts will be controlled by a weir and tide gates which will allow stormwater to drain until the tail water becomes too high at which point the stormwater will overtop the weir and enter the storage conduit. The netting facility adjacent to Dowd Avenue will have its walls extended vertically to contain any potential overflows. The cost of the recommended plan is $3.3M and greatly reduces the frequency of flooding matching the temporary condition that allowed for reasonable operation of the local businesses.

Anticipated Recipient:	Elizabeth City		
Project No.:	S340942-20	Eligible Project Cost:	$10,047,725
Rank:	80		
County:	Union	Total State Amount:	$10,047,725

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	50
			Population	0.124969
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.124969

Project Name, Number

Elizabeth City
S340942-20
Combined Sewer Overflow (CSO) - Traditional Infrastructure

Priority List Rank

80

County

Union

Existing Population

124,969

Service Area

Contract#1 improvements will provide flooding relief for residential properties along Delaware street, Erie Street, Florida Street, Geneva Street, South Second Street, and 3rd Avenue Contract#2 CSO tank will reduce overflows volumes from CSO outfalls 035, 038 and 43 in Elizabeth which will provide flooding relief to residents along Atlantic Street, 3rd Avenue, and Doyle Street.

Need for Project

CSO tank will reduce sewage overflows volumes into project outfalls by approximately 75% and will positively impact the water quality of the river

Project Description

This project has two separate contracts. Both contracts will mitigate flooding in their respective drainage areas. Contract #1 is drainage improvements in the area of South 2nd St. Contract #2 is a CSO tank and related improvement at the intersection of 3rd Ave and Atlantic Street. 1. South 2nd St. Project consists of drainage improvements along 3rd Ave from Geneva St. to South 2nd, Along South 2nd St. East of the intersection with 3rd Ave, rehabilitation of a drainage ditch from the eastern end of South 2nd Street to South 1st Street, electrical improvement to South 2nd Street Stormwater Pumping Station and an emergency generator for South 2nd Street Pumping Station. 2. Atlantic Street CSO project consists of a one million gallon underground CSO tank that takes overflows from combined sewage pipes along Atlantic Street and a sewage pump station to evacuate the tank once the peak of the storm is passed. A recycling center is planned to be built on top of the CSO tank area.

Anticipated Recipient:	Elizabeth City		
Project No.:	S340942-13	Eligible Project Cost:	$12,357,700
Rank:	80		
County:	Union	Total State Amount:	$12,357,700

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	50
			Population	0.124969
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.124969

Project Name, Number	Priority List Rank
Elizabeth City S340942-13 Sanitary Sewer System Rehabilitation	80

County

Union

Existing Population

124,969

Service Area

City of Elizabeth - Clarkson Avenue, South Pearl Street, Pearl Street, Bridge Street, Rahway Avenue and Elizabethtown Plaza

Need for Project

Increase carrying capacity in the combined sewer system, reduce CSO events and convey more wet weather flows to Trenton Avenue Pump Station for conveyance to Joint Meeting of Essex and Union Counties Wastewater Treatment Facilities.

Project Description

(Carryover SFY2015) - The purpose of the project is to increase the wet weather capacity of the Western Interceptor in order to accommodate new development projects along Elizabethtown Plaza. This is achieved by replacing the existing combined sewer with larger diameter conduit from Clarkson Avenue South Pearl Street Pearl Street to Rahway Avenue and Elizabethtown Plaza.

Anticipated Recipient:	Elizabeth City		
Project No.:	S345070-01	Eligible Project Cost:	$4,000,000
Rank:	80		
County:	Union	Total State Amount:	$4,000,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	50
			Population	0.124969
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.124969

Project Name, Number	Priority List Rank
Elizabeth City S345070-01 Combined Sewer Overflow (CSO) - Traditional Infrastructure	80

County

Union

Existing Population

124,969

Service Area

Then entire city.

Need for Project

N/A

Project Description

The preparation of a Long Term Control Plan, which includes the characterization of the combined sewer system, preparation of a computer hydraulic model, wet weather/dry weather sampling. preparation of alternatives, evaluation of alternatives, implementation of alternatives and preparation of implementation schedule.

Anticipated Recipient:	Elizabeth City		
Project No.:	S340942-17	Eligible Project Cost:	$5,308,104
Rank:	80		
County:	Union	Total State Amount:	$5,308,104

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	50
			Population	0.124969
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	960.124969

Project Name, Number

Elizabeth City
S340942-17
Combined Sewer Overflow (CSO) - Green Infrastructure

Priority List Rank

80

County

Union

Existing Population

124,969

Service Area

The service area includes the following streets: South Street from Third Avenue to the Elizabeth River; South Spring Street between Third Avenue and Fourth Avenue; Third Avenue between South Spring Street and South Street; South Reid Street near Third Avenue; Fourth Avenue from John Street to South Street; the area west of Fourth Avenue, including Centre Street, High Street, South Seventh Street and John Street as well as the South Street Pump Station and surrounding ponding areas.

Need for Project

Combined Sewer Overflow Correction - The project will reduce significant localized street flooding caused by a backup of the combined sewers in the service area.

Project Description

(Carryover SFY2015) - The project includes installation of new sewers and conduit for storage and conveyance of storm water to the South Street Pumping Station installation of new manholes storm sewers sanitary sewers utility relocations testing and disposal of soil road repaving including curb and sidewalk replacement of existing pumps integration of automatic controls for the station redesign of areas subject to ponding and installation of a standby generator and associated electrical work.

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-13	Eligible Project Cost:	$5,308,104
Rank:	85		
County:	Camden	Total State Amount:	$5,308,104

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500
III. WATER USE/WATER QUALITY POINTS		
A. 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	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	100
			State Planning Commission	50
			Population	0.508932
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	900.508932

Project Name, Number	Priority List Rank
Camden County Municipal Utilities Authority S340640-13 Sewage Treatment Plant (STP) - Improvement/Upgrade	85

County

Camden

Existing Population

508,932

Service Area

Camden County

Need for Project

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

Project Description

The proposed improvements include upgrades to four existing raw sewage pumps including replacement of existing motors, replacement of existing variable speed drives and replacement pump casings and rotating assemblies. The work also includes furnishing and installing a related new power distribution system with outdoor transformers, indoor motor control centers, underground duct work and various site and utility work at the CCMUA wastewater treatment plant.

Anticipated Recipient:	Bayonne City		
Project No.:	S340399-31	Eligible Project Cost:	$1,618,539
Rank:	86		
County:	Hudson	Total State Amount:	$1,618,539

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	50
			Population	0.063024
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	900.063024

Project Name, Number	Priority List Rank
Bayonne City S340399-31 Stormwater Management - Gray Infrastructure	86

County

Hudson

Existing Population

63,024

Service Area

Sanitary sewer and stormwater runoff for the area bounded by J.F.K. Boulevard (C.R. 501), West 30th Street, Broadway, and West 26th Street is collected by a combined sewer system and conveyed to an existing discharge to Passaic Valley unless there is a surcharge and Passaic Valley cannot handle the flow at which point it discharges directly into the Newark Bay.

Need for Project

Sanitary sewer and stormwater runoff for the area bounded by J.F.K. Boulevard (C.R. 501), West 30th Street, Broadway, and West 26th Street is collected by a combined sewer system and conveyed to an existing discharge to Passaic Valley unless there is a surcharge and Passaic Valley cannot handle the flow at which point it discharges directly into the Newark Bay.

Project Description

The proposed project consists of stormwater management facilities and a separate stormwater collection system to be constructed as part of the upgrades to the Francis G. Fitzpatrick Park located on Avenue C between West 26th Street and West 27th Street.

Anticipated Recipient:	Bayonne Municipal Utilities Authority		
Project No.:	S340399-27	Eligible Project Cost:	$3,997,392
Rank:	87		
County:	Hudson	Total State Amount:	$3,997,392

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	50
			Population	0.061842
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	900.061842

Project Name, Number	Priority List Rank
Bayonne Municipal Utilities Authority S340399-27 Pump Stations	87

County

Hudson

Existing Population

61,842

Service Area

City of Bayonne

Need for Project

The project will provide for screenings material handling and ventilation improvements at the Oak Street and 22nd Street Pumping Stations which together service the entire City.

Project Description

Project will include various screening material handling ventilation and operational improvements at the Oak Street and 22nd Street Pumping Stations.

Anticipated Recipient:	Bayonne Municipal Utilities Authority		
Project No.:	S340399-26	Eligible Project Cost:	$5,439,141
Rank:	87		
County:	Hudson	Total State Amount:	$5,439,141

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	50
			Population	0.061842
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	900.061842

Project Name, Number	Priority List Rank
Bayonne Municipal Utilities Authority S340399-26 Combined Sewer Overflow (CSO) - Traditional Infrastructure	87

County

Hudson

Existing Population

61,842

Service Area

City of Bayonne

Need for Project

The EPA CSO Control Policy requires that all CSO discharge points come into compliance with water quality standards and that all CSO permittees undertake the development and implementation of a CSO Long Term Control Plan. The Authoritys existing CSO Permit required the development of a plan for disinfection of CSO discharges. In the development of the plan it was recognized that there is very little information on the use and effectiveness of various treatment and disinfection methods for CSO discharges and it was stated that pilot testing needed to be undertaken. The information developed from this project will provide valuable data for the evaluation and implementation of treatment and disinfection of CSO discharges and will be valuable to any and all permittees with CSOs.

Project Description

Project will include pilot testing of various means of treatment and disinfection of CSO discharges at the Oak Street Pumping Station and CSO Outfall Serial No. 001005. Project will include modifications to the existing piping and possible re-activation of one or more primary settling basins from the old primary STP which has been decommissioned but not eliminated in addition to provisions of other chemical feed and treatment technologies.

Anticipated Recipient:	Kearny Town		
Project No.:	S340259-10	Eligible Project Cost:	$3,558,698
Rank:	89		
County:	Hudson	Total State Amount:	$3,558,698

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.040684
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	900.040684

Project Name, Number	Priority List Rank
Kearny Town S340259-10 Pump Stations	89

County

Hudson

Existing Population

40,684

Service Area

Town of Kearny

Need for Project

This project addresses an immediate public health threat that is currently present in the Town due to the devastation of Superstorm Sandy which has resulted in three sewage pumping stations being placed out of service as well as the remaining 6 storm and sanitary stations operating at limited capacity.

Project Description

This project addresses the rehabilitation and hardening of the towns existing stormwater and sanitary pumping station infrastructure at 9 existing stations that have been damaged by Superstorm Sandy. All 9 stations will not only be restored but also improved to meet all current codes and standards set by state and federal regulation.

Anticipated Recipient:	Kearny Town		
Project No.:	S340259-11	Eligible Project Cost:	$8,518,521
Rank:	89		
County:	Hudson	Total State Amount:	$8,518,521

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.040684
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	900.040684

Project Name, Number	Priority List Rank
Kearny Town S340259-11 Stormwater Management - Gray Infrastructure	89

County

Hudson

Existing Population

40,684

Service Area

The service area consists of the drainage area bounded by Wilson Avenue on the north, Dukes Street on the south, Devon Street on the west and Bergen Avenue and the Erie Lackawanna Railroad (Newark and Hudson Branch) on the east. Herein, we will refer to this area as the Dead Horse Creek Watershed. The area west of Schuyler Avenue is predominantly comprised of residential dwellings whereas the low lying area east of Schuyler Avenue is a blend of residential, commercial, warehousing and industrial establishments. This service area is generally considered to be fully developed with little green space remaining and little space for above ground detention storage.

Need for Project

The area of Dukes Street, in the vicinity of Schuyler Avenue in the Town of Kearny, continually experiences significant drainage problems. The area frequently floods during and after heavy rainfall events causing undue burden to the residential community west of Schuyler Avenue as well as a blend of commercial, warehousing, and industrial establishments in the low lying area east of Schuyler Avenue.

Project Description

The proposed project includes construction of a new stormwater pumping station at Dukes Street tide gate replacement at Franks Creek rehabilitation of stormwater pump stations at Harrison Ave. Garfield Ave. and John Hay.

Anticipated Recipient:	Kearny Municipal Utilities Authority		
Project No.:	S340259-06	Eligible Project Cost:	$5,308,104
Rank:	89		
County:	Hudson	Total State Amount:	$5,308,104

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.040684
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	900.040684

Project Name, Number	Priority List Rank
Kearny Municipal Utilities Authority S340259-06 Pump Stations	89

County

Hudson

Existing Population

40,684

Service Area

Town of Kearny

Need for Project

The Bergen Avenue Pumping Station will serve the western portion of the KMUA Meadowlands Sewer District. The pumping station will collect leachate from the Keegan Landfill and serve existing development. The Harrison Avenue Force Main will serve the Bergen Avenue Pumping Station and the proposed MSLA 1-D Landfill Pumping Station which will allow for the closure of the landfill.

Project Description

The construction of the Bergen Avenue Pumping Station includes construction of a control and generator building a triplex wet well manholes sewage grinder manhole two metering vaults a valve chamber installation of a flow meter a sewage grinder site piping an instrumentation shelter and three submersible pumps. The Harrison Avenue Force Main project includes placing approximately 7600 linear feet of 8 diameter HDPE pipe from the future Bergen Avenue Pumping Station to the existing Harrison Avenue Pumping Station. The other portion of the project includes installing approximately 200 linear feet of 6 HDPE pipe from the new MSLA 1-D Pumping Station to a tie-in point with the Harrison Avenue Force Main.

Anticipated Recipient:	Ridgefield Park Village		
Project No.:	S340688-04	Eligible Project Cost:	$16,713,680
Rank:	92		
County:	Bergen	Total State Amount:	$16,713,680

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	250
			State Planning Commission	0
			Population	0.012873
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	900.012873

Project Name, Number	Priority List Rank
Ridgefield Park Village S340688-04 Combined Sewer Overflow (CSO) - Traditional Infrastructure	92

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:	Ridgefield Park Village		
Project No.:	S345230-01	Eligible Project Cost:	$800,000
Rank:	93		
County:	Bergen	Total State Amount:	$800,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	250
			State Planning Commission	0
			Population	0.012729
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	900.012729

Project Name, Number

Ridgefield Park Village
S345230-01
Combined Sewer Overflow (CSO) - Traditional Infrastructure

Priority List Rank

93

County

Bergen

Existing Population

12,729

Service Area

The entire municipality

Need for Project

To be determined by monitoring and modeling of the receiving waters.

Project Description

The preparation of a CSO Long Term Control Plan, which includes the characterization of the combined sewer system, preparation of a computer hydraulic model, wet weather/dry weather sampling, preparation of alternatives, evaluation of alternatives, implementation of alternatives and preparation of implementation schedule.

Anticipated Recipient:	Guttenberg Town		
Project No.:	S340854-03	Eligible Project Cost:	$3,240,000
Rank:	94		
County:	Hudson	Total State Amount:	$3,240,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
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	50
			Population	0.011176
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	900.011176

Project Name, Number	Priority List Rank
Guttenberg Town S340854-03 Combined Sewer Overflow (CSO) - Traditional Infrastructure	94

County

Hudson

Existing Population

11,176

Service Area

Entire Town of Guttenberg (Hudson County)

Need for Project

The project is intended to address existing issues with CSO pipe that travels through the Galaxy Towers residential development, then discharges through an existing netting chamber adjacent to River Road and ultimately outfalls in the Hudson River. During intense storm events, the existing CSO pipe overflows at the netting chamber and at a chamber/manhole located on the Galaxy Towers property.

Project Description

The project comprises modifications to Gutenberg's Combined Sewer Overflow (CSO) system: 1. Modification and/or expansion of the CSO netting chamber to lower velocities in the CSO piping to eliminate potential backpressure and allow the netting chamber to collect solids before discharge to the Hudson River. 2. Replace the open chamber piping on the 36-42" ductile iron pipe (DIP) CSO with a larger pipe or box culvert. 3. Replace the CSO outfall pipe to the Hudson River.

Anticipated Recipient:	Guttenberg Town		
Project No.:	S340854-02	Eligible Project Cost:	$402,413
Rank:	95		
County:	Hudson	Total State Amount:	$402,413

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
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	50
			Population	0.008268
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	900.008268

Project Name, Number	Priority List Rank
Guttenberg Town S340854-02 Combined Sewer Overflow (CSO) - Traditional Infrastructure	95

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 solidsfloatables control measures at the combined sewer overflow point located off River Road which discharges to the Hudson River.

Anticipated Recipient:	Carneys Point Sewerage Authority		
Project No.:	S340502-09	Eligible Project Cost:	$1,497,445
Rank:	96		
County:	Salem	Total State Amount:	$1,497,445

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	0
			Population	0.008049
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	900.008049

Project Name, Number | **Priority List Rank**

Carneys Point Sewerage Authority
S340502-09 | 96
Sewage Treatment Plant (STP) - Improvement/Upgrade

County

Salem

Existing Population

8,049

Service Area

CPTSA sewer service area serves approximately 2,123 residences and 134 businesses within Carneys Point Township and Oldmans Township. At an average rate of 2.58 persons per household (U.S. Census Bureau 2012-2016), the estimated population served by CPTSA is 5,477. Please refer to the sewer service map in the reports and maps section for further details.

Need for Project

This project is being undertaken in order to protect and enhance existing sanitary sewer infrastructure within the CPTSA service area. Failing to maintain current infrastructure will only serve to increase the risk of future service interruption. The reconstruction of existing wastewater treatment plant infrastructure will serve to protect local water quality from disturbances related to failure of the existing tertiary treatment systems. Overall the proposed work will enable CPTSA to keep the wastewater treatment plant infrastructure in good operating condition and to facilitate its continuing efforts to provide sanitary sewer service for its residents, businesses, and industry. In addition it will enable the CPTSA to eliminate the sodium hypochlorite disinfection, which will provide a benefit to the Delaware River ecosystem.

Project Description

This project is being completed to upgrade and replace the existing tertiary sand filters and UV disinfection system at the Carneys Point Township Sewerage Authority wastewater treatment plant located at Cleveland Ave and E Street in Carneys Point, NJ. The existing sand filters will be demolished in order to provide sufficient space to install the proposed tertiary disc filters and UV system. The existing UV equipment will be disassembled and removed from the site. On site piping will be reconfigured to support the proposed equipment. Since the existing equipment is at the end of its service life, our office estimates that replacement of both tertiary treatment systems will provide the greatest cost savings in the long term, including costs saved by discontinuing operation of the existing sodium hypochlorite disinfection system.

Anticipated Recipient:	Medford Lakes Borough		
Project No.:	S340463-06	Eligible Project Cost:	$4,135,382
Rank:	97		
County:	Burlington	Total State Amount:	$4,135,382

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	150

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
			Subtotal	250
			State Planning Commission	0
			Population	0.005
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	900.005

Project Name, Number | **Priority List Rank**

Medford Lakes Borough
S340463-06 | 97
Sewage Treatment Plant (STP) - Improvement/Upgrade

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 Boroughs NJPDES permit and ACO requirements. The following is the existing inventory of the wastewater facilities Sewage Treatment Flow Effluent Plant (STP) Name (mgd) Reported BOD Reported SS (NJPDES) Design Present mgl mgl 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:	Paterson City		
Project No.:	S345210-01	Eligible Project Cost:	$200,000
Rank:	98		
County:	Passaic	Total State Amount:	$200,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	175
			State Planning Commission	50
			Population	0.146199
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	875.146199

Project Name, Number	Priority List Rank
Paterson City S345210-01 Combined Sewer Overflow (CSO) - Traditional Infrastructure	98

County

Passaic

Existing Population

146,199

Service Area

City of Paterson, Portions of Totowa, Woodland Park, Prospect Park, Clifton, Haledon

Need for Project

This will allow the City to comply with the requirements of its CSO Discharge permit

Project Description

As required by the Permit the City has met with the surrounding municipalities to start the process of renegotiating the IMAs related to sewage flows. In order to properly negotiate the contracts, the City will be working in conjunction with the adjacent municipalities to conduct a study to identify flows, connections and establish an equitable basis for sewage charges.

Anticipated Recipient:	Perth Amboy City		
Project No.:	S340435-17	Eligible Project Cost:	$4,418,400
Rank:	99		
County:	Middlesex	Total State Amount:	$4,418,400

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	0
			Population	0.052682
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	875.052682

Project Name, Number

Perth Amboy City
S340435-17
Stormwater Management - Green Infrastructure

Priority List Rank

99

County

Middlesex

Existing Population

52,682

Service Area

The project area is a street within a residential neighborhood that extends between the City's downtown train station and the Raritan River waterfront. Given that this corridor connects so many of the City's assets, we expect the impact of this project to be Citywide.

Need for Project

Perth Amboy must find ways to manage our storm water in order to minimize the frequency and severity of our combined sewer outfalls. This project includes several green infrastructure techniques that will assist in capturing stormwater and divert it from our combined sewer system such as vegetated bioswales fed by graded crosswalks and several additional street trees.

Project Description

The Second Street Corridor Project is a street improvement project that will that include elements to increase pedestrian safety and manage stormwater runoff. The concept includes pedestrian bumpouts with vegetated bioswales that can collect runoff from the street at four three-way intersections that are along Second Street. Additionally, it features pitched grade to feed these bioswales all along the street to collect and channel stormwater runoff from both the street and sidewalks. These curb extensions can create high visibility crosswalks with marked pedestrian crossings and a raised surface that will further channel runoff to the bioswales. Another primary component of this project are enhanced sidewalks, approximately ten to fifteen feet in width, which could be designed with pervious pavement.

Anticipated Recipient:	Long Branch Sewerage Authority		
Project No.:	S340336-08	Eligible Project Cost:	$1,740,700
Rank:	100		
County:	Monmouth	Total State Amount:	$1,740,700

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	25
			Population	0.030719
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	875.030719

Project Name, Number	Priority List Rank
Long Branch Sewerage Authority S340336-08 Sewage Treatment Plant (STP) - Improvement/Upgrade	100

County

Monmouth

Existing Population

30,719

Service Area

The LBSA service area covers approximately 5.36 square miles in central eastern Monmouth County, New Jersey. The area is bounded by the Ocean to the east; Monmouth Beach and Oceanport to the north; Oceanport, West Long Branch and Ocean Township to the west; and Ocean Township and Deal to the south. The land area breakdown contained in each of the municipalities included within the LBSA Wastewater Management Plan (WMP) area is as follows: the City of Long Branch (5.10 square miles), the Borough of West Long Branch (0.2565 square miles), and the Borough of Monmouth Beach (0.0011 square miles). The City of Long Branch is the only "participating" municipality. The small areas of the other two municipalities are "customers" of LBSA.

Need for Project

The wastewater treatment plant improvement projects will improve performance, efficiency, and extend the life expectancy of the various components.

Project Description

This loan application comprises two projects, including 1) WWTP Hot Water Piping System and Final Settling Tank Mechanical Improvements Project: the replacement of and modification to the existing underground hot water piping system providing hot water supply and return services. Then abandon in place water supply and return services from the Plant Control Building to Sludge Handling Building. The Final Settling Tank sludge collector drives will then be replaced with modern and separate drive systems for sludge long collectors and sludge cross collectors as required; and, 2) Sludge Holding System Improvements Project: improvements to the sludge holding tank and piping system. This entails demolition of internal installations, then a rehabilitation of the tank chamber interior as required for new operation. A Sludge Mixing System will be installed within the proposed Sludge Holding Tank along with a new cover over the tank, vent system, and Sludge Transfer Pump and Pump Controls.

Anticipated Recipient:	Jefferson Township		
Project No.:	S340747-05	Eligible Project Cost:	$19,158,252
Rank:	101		
County:	Morris	Total State Amount:	$19,158,252

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	75/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	400

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	225
			State Planning Commission	0
			Population	0.00869
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	875.00869

Project Name, Number

Jefferson Township
S340747-05
Sanitary Sewer System - New

Priority List Rank

101

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 a package sewage treatment plant servicing the Consolidated School. This system provides secondary treatment and discharge into tributaries of Lake Hopatcong. Water quality marginally meets standards for fecal coliform and toxics. Nutrient and D.O. levels violate existing standards. Sewage Treatment Flow Effluent Plant (STP) Name (mgd) Reported BOD Reported SS (NJPDES) Design Present mgl mgl Consolidated School Secondary (NJ0021091) 0.0075 0.01156 97.8 4.35 96.2 4.85 If the plan to connect into the Musconetcong Sewer Authority (MSA) is implemented this sewage treatment plant 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:	Warren County		
Project No.:	S340453-03	Eligible Project Cost:	$2,607,692
Rank:	102		
County:	Warren	Total State Amount:	$2,607,692

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	150
			State Planning Commission	0
			Population	0.00489
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	875.00489

Project Name, Number | **Priority List Rank**

Warren County
S340453-03 | 102
Sewage Treatment Plant (STP) - Improvement/Upgrade

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 STPs 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 Flow Effluent Plant (STP) Name (mgd) Reported BOD Reported SS (NJPDES) Design Present mgl mgl 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 sludgeseptage management.

Anticipated Recipient:	Ocean County Utilities Authority		
Project No.:	S340372-56	Eligible Project Cost:	$6,223,655
Rank:	103		
County:	Ocean	Total State Amount:	$6,223,655

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.6
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.6

Project Name, Number	Priority List Rank
Ocean County Utilities Authority S340372-56 Sewage Treatment Plant (STP) - Improvement/Upgrade	103

County

Ocean

Existing Population

600,000

Service Area

The proposed clarifier improvements will be completed at the Central Water Pollution Control Facility (CWPCF) and the Southern Water Pollution Control Facility (SWPCF). The Central Service Area (CSA) is depicted in Figure 3. The Central Service Area (CSA) provides service to the municipalities of Barnegat, Beachwood, Berkeley, Brick (barrier island portion), Toms River, Island Heights, Lacey, Lakehurst, Lavallette, Manchester, Mantoloking, Ocean, Ocean Gate, Pine Beach, Seaside Heights, Seaside Park, and South Toms River. The CSA is comprised of the CWPCF, 19 pumpstations, 76 miles of forcemain and gravity interceptors and is rated at 32 mgd. The Southern Service Area (SSA) provides service to the municipalities of Barnegat Light, Beach Haven, Eagleswood, Harvey Cedars, Little Egg Harbor, Long Beach, Ship Bottom, Stafford, Surf City, and Tuckerton. The SSA is comprised of the SWPCF, 13 pumpstations, 42 miles of forcemain and gravity interceptors and is rated at 20 mgd.

Need for Project

This project includes the rehabilitation of Primary Clarifier PC-2 and PC-4 at the CWPCF and Primary Clarifier PC-2 and PC-3 and Final Clarifier FC-4 at the SWCPF. Since being placed into operation, there clarifiers have been subjected to the corrosive and destructive elements associated with the treatment of wastewater. The mechanical components, structural steel and concrete walls and floors shows signs of degradation and are need of repair. The operation of the two secondary treatment wastewater treatment plans requires the proper operation of the primary and secondary clarifiers. The clarifiers are currently reaching the end of their useful life and are in need of rehabilitation to ensure the continued efficient treatment of raw wastewater. The proposed improvements will include the rehabilitation of all concrete surfaces, the installation of stainless steel mechanical components and all associated equipment.

Project Description

Clarifiers PC-2 and PC-4 at the CWPCF and Primary Clarifiers-2 and 3 and Final Clarifier FC-4 at the SWPCF. Since being placed into service these clarifiers have been subjected to the corrosive and destructive elements associated with the treatment of wastewater. The mechanical components structural steel and concrete walls and floors show signs of degradation and are in need of repair or replacement. The new mechanical components will be fabricated with stainless steel with an operating life in excess of twenty-five years.

Anticipated Recipient:	Bayshore Regional Sewer Authority		
Project No.:	S340697-06	Eligible Project Cost:	$7,916,433
Rank:	104		
County:	Monmouth	Total State Amount:	$7,916,433

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.478
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.478

Project Name, Number	Priority List Rank
Bayshore Regional Sewer Authority S340697-06 Sewage Treatment Plant (STP) - Improvement/Upgrade	104

County

Monmouth

Existing Population

478,000

Service Area

The BRSA owns and operates a wastewater collection and treatment system that conveys and treats on average 8 million gallon per day (MGD) of wastewater from three (3) member municipalities, including Hazlet Township, Holmdel Township and Union Beach Borough, and five (5) customer municipalities consisting of Aberdeen Township, Keansburg Borough, Keyport Borough, Matawan Borough, and a portion of Marlboro Township known as Morganville. These communities represent a combined current serviced population of approximately 90,000 people.

Need for Project

Work is intended to restore and protect equipment and facilities impacted by Hurricane Sandy to enable the treatment plant to continue operations under future similar flood events.

Project Description

This project application includes work at the Bayshore Regional Sewerage Authoritys (BRSA) Water Pollution Control Plant associated with the permanent restoration and mitigation of the existing Blower Building No. 1 and existing Blower Building No. 2, as well as the permanent restoration and mitigation of treatment plants power distribution system.

Anticipated Recipient:	Bayshore Regional Sewer Authority		
Project No.:	S340697-05	Eligible Project Cost:	$58,072,111
Rank:	104		
County:	Monmouth	Total State Amount:	$58,072,111

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.478
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.478

Project Name, Number	Priority List Rank
Bayshore Regional Sewer Authority S340697-05 Sewage Treatment Plant (STP) - Improvement/Upgrade	104

County

Monmouth

Existing Population

478,000

Service Area

The BRSA owns and operates a wastewater collection and treatment system that conveys and treats on average 8 million gallon per day (MGD) of wastewater from three (3) member municipalities, including Hazlet Township, Holmdel Township and Union Beach Borough, and five (5) customer municipalities consisting of Aberdeen Township, Keansburg Borough, Keyport Borough, Matawan Borough, and a portion of Marlboro Township known as Morganville. A list of municipalities and a map of the overall service area are included in the Project Report.

Need for Project

The purpose of this work is two-fold : to return the Facilities (BRSA's Water Pollution Control Plant, remote meter chambers and pump stations) to pre-storm design condition, and to protect the Facilities from incurring the damages associated with a future flood event of equivalent or greater magnitude than Hurricane Sandy, therefore both restoration and mitigation measures are included in our estimated costs. These measures require the restoration of numerous components throughout the Facilties that have yet to be fully repaired, as well as the protection of all critical structures and aspects of the wastewater treatment process. These projects are intended to maintain proper operations and maintenance of the Facilities as required by regulations, thereby preventing improperly treated wastewater discharges from the Facilities caused by equipment failures, power outages and flooding, to enter the nearby wetlands and surface waters .

Project Description

(Carryover SFY2015) - This project application includes work at the Bayshore Regional Sewerage Authoritys (BRSA) Water Pollution Control Plant associated with the permanent restoration and mitigation of the existing Blower Building No. 1 and existing Blower Building No. 2 as well as the permanent restoration and mitigation of treatment plants power distribution system.

Anticipated Recipient:	Ocean County Utilities Authority		
Project No.:	S340372-63	Eligible Project Cost:	$2,143,000
Rank:	106		
County:	Ocean	Total State Amount:	$2,143,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.388501
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.388501

Project Name, Number

Ocean County Utilities Authority
S340372-63
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

106

County

Ocean

Existing Population

388,501

Service Area

The Northern Service Area (NSA) provides service to the municipalities of Farmingdale, Freehold Borough, Freehold Township, Howell, and a portion of Wall in Monmouth County, as well as Bay Head, Brick (mainland portion), Jackson, Lakewood, Pt. Pleasant, and Pt. Pleasant Beach in Northern Ocean County. The NSA is comprised of the Northern Water Pollution Control Facility (NWPCF) located on Mantoloking Road (Route 528) in Brick Township, eight pump/lift stations, seven miles of force main, and approximately 43 miles of gravity flow interceptors. The NWPCF was placed into operation in 1976, and provides secondary treatment and is rated at a capacity of 32 MGD. Effluent is discharged into the Atlantic Ocean through an outfall approximately 6,800 feet out from the shore of Mantoloking.

Need for Project

This project will provide for the continuation of the long term wastewater treatment process by providing for the replacement of the roof system at the NWPCF Solids Handling Facility. .

Project Description

The Northern Water Pollution Control Facilities (NWPCF) is located on Mantoloking Road in Brick Township, New Jersey. The treatment facility began operations in 1976 and is designed to treat a combination of domestic, light industrial and commercial wastewaters. This project is a continuation of an ongoing effort by the Authority to restore building sites to their original condition for the protection of equipment and property (NJAC 7:22-5.6 a.5). Specifically, this work involves the replacement of the existing Built-Up Roofing (BUR) system installed on the Solids Handling Facility (SHF) at the NWPCF. The existing BUR system on the SHF was installed in 1975, has been deemed to be in poor condition and is need of replacement. Alterations have been made to sludge processing methods since the SHF was originally constructed. Those retired systems, which have all since been removed, required numerous roof penetrations for intake and exhaust air. The elimination of these systems ha

Anticipated Recipient:	Ocean County Utilities Authority		
Project No.:	S340372-61	Eligible Project Cost:	$5,089,600
Rank:	106		
County:	Ocean	Total State Amount:	$5,089,600

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.388501
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.388501

Project Name, Number

Ocean County Utilities Authority
S340372-61
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

106

County

Ocean

Existing Population

388,501

Service Area

The Northern Service Area (NSA) provides service to the municipalities of Farmingdale, Freehold Borough, Freehold Township, Howell, and a portion of Wall in Monmouth County, as well as Bay Head, Brick (mainland portion), Jackson, Lakewood, Pt. Pleasant, and Pt. Pleasant Beach in Northern Ocean County. Ocean through an outfall diffuser approximately 6,000 feet out from the shore of Mantoloking Beach.

Need for Project

This project will provide for improved influent screw pump capacity and reliability to the NWPCF. Maintaining reliability by having the capacity to convey the peak hourly flow by operating three influent screw pumps, is achieved by providing a fourth influent screw pump that is available for service in the event of inoperability of one of of the other three influent screw pumps. The potential for a discharge of wastewater is greatly reduced or eliminated by maintaining the ability to convery wastewater into the NWPCF.

Project Description

The Northern Water Pollution Control Facility (NWPCF) is located off Mantoloking Road in Brick Township, New Jersey; serves the Northern Service Area (NSA) and has eight (8) pump and lift stations that convey wastewater to the NWPCF. There are four (4) Archimedes, spiral flight screw pumps at the NWPCF, which lift the influent wastewater to an elevation where it then flows by gravity through the treatment plant. Influent Screw Pump Nos. 1, 2 and 4, were installed in 2003, with each screw having a capacity of 29.4 mgd. Screw Pump No. 3, which was installed in 1994 has an existing capacity of 26 mgd. Recently, Influent Screw Pump No. 2 failed, was rebuilt and placed back in-service. All four screw pumps will be replaced as a part of this project.

Anticipated Recipient:	Ocean County Utilities Authority		
Project No.:	S340372-62	Eligible Project Cost:	$3,949,600
Rank:	106		
County:	Ocean	Total State Amount:	$3,949,600

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.388501
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.388501

Project Name, Number	Priority List Rank
Ocean County Utilities Authority S340372-62 Sewage Treatment Plant (STP) - Improvement/Upgrade	106

County

Ocean

Existing Population

388,501

Service Area

The Northern Service Area (NSA) provides service to the municipalities of Farmingdale, Freehold Borough, Freehold Township, Howell, and a portion of Wall in Monmouth County, as well as Bay Head, Brick (mainland portion), Jackson, Lakewood, Pt. Pleasant, and Pt. Pleasant Beach in Northern Ocean County.

Need for Project

This project will provide for long-term wastewater treatment process for removing total suspended solids, a NJPDES permit requirement and maintaining reliability by providing treatment capacity in excess of that need to treat the AADF.

Project Description

This clarifier project is a continuation of an on-going effort to maintain and rehabilitate the assets of the Authority. This clarifier rehabilitation project involves improvements to Final Clarifiers FC-1 and FC-8 at the Northern Water Pollution Control Facility (NWPCF) located in Brick Township, New Jersey. Both clarifiers were original to the completed treatment plant in 1976. Rehabilitation will include replacement of mechanical and metallic components with new, rehabilitation of concrete surfaces, and new conduit, conductors and lighting.

Anticipated Recipient:	Ocean County Utilities Authority		
Project No.:	S340372-59	Eligible Project Cost:	$6,956,586
Rank:	109		
County:	Ocean	Total State Amount:	$6,956,586

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.338657
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.338657

Project Name, Number

Ocean County Utilities Authority
S340372-59
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

109

County

Ocean

Existing Population

338,657

Service Area

The proposed clarifier improvements will be completed at the Central Water Pollution Control Facility (CWPCF) and the Southern Water Pollution Control Facility (SWPCF). The Central Service Area (CSA) provides service to the municipalities of Barnegat, Beachwood, Berkeley, Brick (barrier island portion), Toms River, Island Heights, Lacey, Lakehurst, Lavallette, Manchester, Mantoloking, Ocean, Ocean Gate, Pine Beach, Seaside Heights, Seaside Park, and South Toms River. The CSA is comprised of the CWPCF, 19 pumpstations, 76 miles of forcemain and gravity interceptors and is rated at 32 mgd. The Southern Service Area (SSA) provides service to the municipalities of Barnegat Light, Beach Haven, Eagleswood, Harvey Cedars, Little Egg Harbor, Long Beach, Ship Bottom, Stafford, Surf City, and Tuckerton. The SSA is comprised of the SWPCF, 13 pumpstations, 42 miles of forcemain and gravity interceptors and is rated at 20 mgd.

Need for Project

This project includes the rehabilitation of Primary Clarifier PC-1 and PC-3 and Final Clarifier FC-8 at the CWPCF and Primary Clarifier PC-1 and PC-4 and Final Clarifier FC-3 at the SWCPF. Since being placed into operation there clarifiers have been subjected to the corrosive and destructive elements associated with the treatment of wastewater. The mechanical components structural steel and concrete walls and floors shows signs of degradation and are need of repair. The operation of the two secondary treatment wastewater treatment plans requires the proper operation of the primary and secondary clarifiers. The clarifiers are currently reaching the end of their useful life and are in need of rehabilitation to ensure the continued efficient treatment of raw wastewater. The proposed improvements will include the rehabilitation of all concrete surfaces and the installation of stainless steel mechanical components and all associated equipment.

Project Description

This clarifier project is a continuation of an on-going effort to maintain and rehabilitate the assets of the Authority. This project concerns the rehabilitation of Primary Clarifiers PC-1 and PC-3 and Final Clarifier FC-8 at the CWPCF and Primary Clarifiers PC1 and PC-4 and Final Clarifier FC-3 at the SWPCF. Since being placed into service, these clarifiers have been subjected to the corrosive and destructive elements associated with the treatment of wastewater. The mechanical components, structural steel and concrete walls and floors show signs of degradation and are in need of repair or replacement. The new mechanical components will be fabricated with stainless steel with an operating life in excess of twenty-five years.

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-27	Eligible Project Cost:	$3,094,238
Rank:	110		
County:	Atlantic	Total State Amount:	$3,094,238

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
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	50
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.25
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.25

Project Name, Number	Priority List Rank
Atlantic County Utilities Authority S340809-27 Sanitary Sewer System Rehabilitation	110

County

Atlantic

Existing Population

250,000

Service Area

Atlantic County Shore Communities: Longport, Margate, Ventnor, Atlantic City and Brigantine. Atlantic County Offshore Communities: Galloway Township, Absecon, Pleasantville, Northfield, Linwood, Somers Point, Egg Harbor Township, Hamilton Township and Egg Harbor City.

Need for Project

N/A - Wastewater Treatment Project

Project Description

(Carryover SFY2015) - The proposed project includes installation of new automated bar screens in the headworks facility at ACUAs treatment plant.

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-26	Eligible Project Cost:	$13,442,855
Rank:	110		
County:	Atlantic	Total State Amount:	$13,442,855

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
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	50
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.25
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.25

Project Name, Number	Priority List Rank
Atlantic County Utilities Authority S340809-26 Decentralized Wastewater (or Septic) System Repair/Replacement	110

County

Atlantic

Existing Population

250,000

Service Area

Atlantic County Shore Communities: Longport, Margate, Ventnor, Atlantic City and Brigantine. Atlantic County Offshore Communities: Galloway Township, Absecon, Pleasantville, Northfield, Linwood, Somers Point, Egg Harbor Township, Hamilton Township and Egg Harbor City.

Need for Project

Wastewater Treatment Project

Project Description

(Carryover SFY2015) - The ACUA is developing a project to protect certain facilities within the treatment plant site from potential storm surge water from hurricane type events similar to the Super Storm Sandy. The intent of this project would be to provide portable open trailer mounted pumps to be able to pump out facilities at the plant construct permanent sump areas within existing building structures to be able to pump out storm surge and to raise the treatment plant access road elevation to above flood level.

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-25	Eligible Project Cost:	$13,641,136
Rank:	110		
County:	Atlantic	Total State Amount:	$13,641,136

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500
III. WATER USE/WATER QUALITY POINTS		
A. 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	0/0
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	50
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.25
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.25

Project Name, Number	Priority List Rank
Atlantic County Utilities Authority S340809-25 Sewage Treatment Plant (STP) - Improvement/Upgrade	110

County

Atlantic

Existing Population

250,000

Service Area

Atlantic County Shore Communities: Longport, Margate, Ventnor, Atlantic City and Brigantine. Atlantic County Offshore Communities: Galloway Township, Absecon, Pleasantville, Northfield, Linwood, Somers Point, Egg Harbor Township, Hamilton Township and Egg Harbor City.

Need for Project

Wastewater Treatment Project

Project Description

(Carryover SFY2015) - The proposed project includes construction of a seawall at ACUAs treatment facility.

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-23	Eligible Project Cost:	$8,610,164
Rank:	110		
County:	Atlantic	Total State Amount:	$8,610,164

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
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	50
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.25
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.25

Project Name, Number	Priority List Rank
Atlantic County Utilities Authority S340809-23 Decentralized Wastewater (or Septic) System Repair/Replacement	110

County

Atlantic

Existing Population

250,000

Service Area

Atlantic County Shore Communities: Longport, Margate, Ventnor, Atlantic City and Brigantine. Atlantic County Offshore Communities: Galloway Township, Absecon, Pleasantville, Northfield, Linwood, Somers Point, Egg Harbor Township, Hamilton Township and Egg Harbor City.

Need for Project

N/A - Wastewater Treatment Project

Project Description

(Carryover SFY2015) - The proposed project includes several mitigation measures to provide emergency power to the ACUAs Treatment plant.

Anticipated Recipient:	Hudson County Improvement Authority		
Project No.:	S340399-09	Eligible Project Cost:	$14,038,507
Rank:	114		
County:	Hudson	Total State Amount:	$14,038,507

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
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
			Population	0.19444
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.19444

Project Name, Number

Hudson County Improvement Authority
S340399-09
Combined Sewer Overflow (CSO) - Traditional Infrastructure

Priority List Rank

114

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:	Two Rivers Water Reclamation Authority		
Project No.:	S340117-07	Eligible Project Cost:	$3,612,556
Rank:	115		
County:	Monmouth	Total State Amount:	$3,612,556

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.127
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.127

Project Name, Number

Two Rivers Water Reclamation Authority
S340117-07
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

115

County

Monmouth

Existing Population

127,000

Service Area

The plant serves wastewater needs of six member municipalities, Fair Haven, Little Silver, Monmouth Beach, Oceanport, Shrewsbury, West Long Branch, and six customer towns: Red Bank, Eatontown, Rumson, Sea Bright, Shrewsbury Township and Tinton Falls, and two military bases. The map of the service area is included as Exhibit 3 of the Planning Document.

Need for Project

The goals of this project are to: Enable two (2) BFPs to operate concurrently in order to reduce the current operating schedule from seven (7) days per week three (3) shifts per day to five (5) days per week three (3) shifts per day. This will result in a savings on the current operating costs. Rehabilitate or replace system components nearing the end of their useful life. Enhance operational flexibility and reliability.

Project Description

The following improvements are proposed as part of this project: 1. Replace BFP No. 2 with a unit identical to BFP No. 1. 2. Replace the existing sludge cake bin and Schwing pump with a higher capacity bin and pump, and procure an "on the shelf" spare pump. 3. Install a sludge mixing system in Sludge Storage Tank No. 1 that is of the same type that presently exists in Sludge Storage Tank No. 2. 4. Replace gear type polymer pumps with progressive cavity type pumps. 5. Implement sludge cake flow metering.

Anticipated Recipient:	Two Rivers Water Reclamation Authority		
Project No.:	S340117-02	Eligible Project Cost:	$7,760,140
Rank:	116		
County:	Monmouth	Total State Amount:	$7,760,140

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.078706
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.078706

Project Name, Number	Priority List Rank
Two Rivers Water Reclamation Authority S340117-02 Sewage Treatment Plant (STP) - Improvement/Upgrade	116

County

Monmouth

Existing Population

78,706

Service Area

Eatontown Fair Haven Fort Monmouth Little Silver Monmouth Beach Oceanport Red Bank Rumson Sea Bright Shrewsbury Shrewsbury Township a portion of Tinton Falls West Long Branch

Need for Project

Upgrades at the Two Rivers Water Reclamation Authority Treatment Plant will improve reliability and productivity.

Project Description

The proposed project includes retrofitting the existing Sludge Processing System installation of a new Supervisory Control and Data Acquisition System throughout the Authoritys collection system installation of buoyancy prevention devices for plant clarifiers and installation of electrical devices to eliminate single point failures.

Anticipated Recipient:	Two Rivers Water Reclamation Authority		
Project No.:	S340117-08	Eligible Project Cost:	$2,400,000
Rank:	117		
County:	Monmouth	Total State Amount:	$2,400,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.078413
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.078413

Project Name, Number

Two Rivers Water Reclamation Authority
S340117-08
Sanitary Sewer System Rehabilitation

Priority List Rank

117

County

Monmouth

Existing Population

78,413

Service Area

The service area for Two Rivers Water Reclamation Authority (TRWRA) includes its 6 member communities (Fair Haven, Little Silver, Monmouth Beach, Oceanport, Shrewsbury Borough, and West Long Branch), as well as, 6 customer communities including Rumson, Sea Bright, Shrewsbury Township, Tinton Falls, Eatontown and Red Bank. All communities are located within Monmouth County.

Need for Project

TRWRA's existing infrastructure is in need of rehabilitation and/or replacement. Existing components are nearing their life expectancy and in some cases in danger of imminent failure. Portions of the interceptor system being rehabilitated as part of Contract 169 are located in easement areas in forested/vegetative areas and various water bodies. Catastrophic failure of these components may result into spillage onto surrounding communities and environmentally sensitive areas impacting the health and safety of its member and customer communities.

Project Description

TRWRA proposes several contracts for improvements to its WWTP. Contract 183 Plant RAS Rehabilitation includes removal/replacement of existing Return Activated Sludge (RAS) piping located throughout the WWTP, as well as, installation of new magnetic flow meters and other appurtenances. Lastly, TRWRA proposes various electrical upgrades at its WWTP including new PLCs, VFDs and other miscellaneous electrical work.

Anticipated Recipient:	Middletown Township Sewer Authority		
Project No.:	S340097-04	Eligible Project Cost:	$19,834,947
Rank:	118		
County:	Monmouth	Total State Amount:	$19,834,947

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500
III. WATER USE/WATER QUALITY POINTS		
A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.066522
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.066522

Project Name, Number	Priority List Rank
Middletown Township Sewer Authority S340097-04 Decentralized Wastewater (or Septic) System Repair/Replacement	118

County

Monmouth

Existing Population

66,522

Service Area

The Township of Middletown Sewerage Authority serves the Township of Middletown, the Borough of Highlands, and the Borough of Atlantic Highlands.

Need for Project

The project is needed to protect the wastewater treatment plant from future storm damage and provide emergency electrical power in the event of a storm. The majority of the project is associated with the wastewater treatment plant which services the entire service area. The pumping station improvements will affect a large portion of the service area.

Project Description

(Carryover SFY2015) - Middletown SA is proposing to purchase a new generator upgrade its electrical system install flood protection devices and install a new flood protection wall install an alarm system install a co-generator system raise its existing equipment and seal the buildings.

Anticipated Recipient:	Linden Roselle Sewer Authority		
Project No.:	S340299-04	Eligible Project Cost:	$12,027,071
Rank:	119		
County:	Union	Total State Amount:	$12,027,071

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
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
			Population	0.06
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.06

Project Name, Number

Linden Roselle Sewer Authority
S340299-04
Interconnection

Priority List Rank

119

County

Union

Existing Population

60,000

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:	Hoboken City		
Project No.:	S340635-07	Eligible Project Cost:	$1,460,102
Rank:	120		
County:	Hudson	Total State Amount:	$1,460,102

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.050005
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.050005

Project Name, Number	Priority List Rank
Hoboken City S340635-07 Combined Sewer Overflow (CSO) - Green Infrastructure	120

County

Hudson

Existing Population

50,005

Service Area

City of Hoboken

Need for Project

The use of green infrastructure best management practices (BMPs), which reduce immediate dependence on drainage to the combined sewer, may reduce the occurrence of untreated combined sewer outflow events and control adverse effects of runoff.

Project Description

Hoboken faces major challenges related to stormwater management which includes (a) flooding on low-lying areas during storm events (b) reliance upon a combined sewer outflow (CSO) system that treats both sewerage and stormwater (c) discharge of untreated combined stormwater and sewerage during major storm events (d) susceptibility to tidal flooding due to elevation and proximity to the Hudson River. Stormwater collection along Washington Street contributes to heavy stormwater concentration into the CSO which in turn contributes to untreated outflows. Unmanaged runoff from (or traversing) Washington Street may contribute to flooding in low-lying areas of the City. The use of green infrastructure best management practices (BMPs) which reduce immediate dependence on drainage to the combined sewer may reduce the occurrence of untreated combined sewer outflow events and control adverse effects of runoff.

Anticipated Recipient:	Hoboken City		
Project No.:	S340635-09	Eligible Project Cost:	$429,550
Rank:	120		
County:	Hudson	Total State Amount:	$429,550

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.050005
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.050005

Project Name, Number	Priority List Rank
Hoboken City S340635-09 Stormwater Management - Green Infrastructure	120

County

Hudson

Existing Population

50,005

Service Area

The project serves to reduce the volume of stormwater entering the combined sewer system owned and operated by the North Hudson Sewerage Authority, which is subject to an individual CSO permit from NJDEP. Therefore, the service area for the project includes the immediate areas surrounding the 4 right of way green infrastructure installations that will experience reduced localized street flooding during rainfall events, as well as the City of Hoboken and the greater NHSA service area that will benefit from improved water quality.

Need for Project

The combined sewer system in Hoboken is overtaxed during rainfall events, resulting in CSO events up to five times per month. NHSA is developing a Long Term Control Plan to reduce CSO events and improve water quality, as required by its individual CSO permit from NJDEP. These right of way green infrastructure sites will benefit CSO-reduction efforts because they allow for the capture of local street drainage during a rainfall event through a porous pavement surface and existing roadway curb gutter, store the rainfall runoff volume in a subsurface detention tank during the peak of the storm, and then discharge through a pipe with a backflow preventer into the combined sewer system. CSO reduction will improve water quality by preventing the discharge of untreated combined sewage into the Hudson River.

Project Description

Four right-of-way green infrastructure facilities recommended by the NJDEP Rebuild by Design Hudson River project will be installed on street segments that are adjacent to water main upgrades. As coded in the Rebuild by Design Hudson River Environmental Impact Statement and Feasibility Study, these are: T2-MON, T5-JEF, T1-GAR, and TD8-GAR. Collectively, these green infrastructure measures will detain up to 10,000 gallons of stormwater from entering the combined sewer system during rainfall events.

Anticipated Recipient:	Hoboken City		
Project No.:	S340635-05	Eligible Project Cost:	$4,260,119
Rank:	120		
County:	Hudson	Total State Amount:	$4,260,119

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.050005
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.050005

Project Name, Number	Priority List Rank
Hoboken City S340635-05 Stormwater Management - Green Infrastructure	120

County

Hudson

Existing Population

50,005

Service Area

The service area is a 1.4 acre property in Southwest Hoboken, currently an asphalt parking lot, that will be transformed into a public park with green infrastructure.

Need for Project

The proposed design for Block 12 Park in Southwest Hoboken addresses current flooding issues through green infrastructure and underground retention. Hoboken's combined sewer system collects both sanitary and stormwater flows, a condition which diminishes water quality and leads to flooding. During wet weather, excess water bypasses the waste water treatment plant and flows out of combined sewer overflows (CSO), directly into the Hudson River. During high tide, the CSOs can become submerged, preventing the excess water from discharging. When the collection system reaches capacity, water cannot flow in and this causes local flooding. Block 12 lies in an area suitable to store and slowly discharge stormwater. The site is currently 90% impervious, but it has the potential to collect and store stormwater from a 100-year storm. The site presents an ideal opportunity to combine green infrastructure and water retention with the creation of a public open space.

Project Description

The new Block 12 Public Park in Southwest Hoboken will address current flooding issues with green infrastructure and an underground retention system designed to handle a 10-year storm. The stormwater design combines passive rainwater collection with permeable paving rain gardens and bioswales with subsurface storage beneath the park. On the perimeter curb-side infiltration basins will filter and delay street runoff. All of the pavements within the park will be permeable so that the first rainfall will be absorbed within the pavement. The paved areas will be pitched towards rain gardens so the next increment of rain will be held above the surface of the rain gardens and slowly absorbed. Subterranean storage chambers located in the zone between the park pavement and the water table will collect overflow from the rain garden and any drain inlets within the park. The stored rainwater will slowly be released greatly reducing the peak flow to the Citys sewer system.

Anticipated Recipient:	Hoboken City		
Project No.:	S340635-06	Eligible Project Cost:	$25,607,620
Rank:	120		
County:	Hudson	Total State Amount:	$25,607,620

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.050005
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.050005

Project Name, Number

Hoboken City
S340635-06
Combined Sewer Overflow (CSO) - Green Infrastructure

Priority List Rank

120

County

Hudson

Existing Population

50,005

Service Area

The BASF park will provide open space opportunities for the City of Hoboken, and surrounding communities. North Hudson Sewerage authority serves Union City, West New York, Weehawken and the City of Hoboken. The sub-surface storage component of the project has the ability to serve the H5 and H7 catchment areas of the NHSA combined sewer system. Additionally, the sub-surface component will serve the North End Redevelopment area, which is bounded by 17th Street to the North, 14th Street to the South, Park Ave to the east, and the Palisades to the west.

Need for Project

The proposed design for t he BASF Park in Northwest Hoboken addresses current flooding issues through green infrastructure and underground retention. Hoboken's combined sewer system collects both sanitary and stormwater flows, a condition which diminishes water quality and leads to flooding. During wet weather, excess water bypasses the water water treatment plant and flows out of combined sewer overflows (CSO) directly into the Hudson River. During high tide, the CSOs can become submerged, preventing the excess water from discharging. When the collection system reaches capacity, water cannot flow in and this causes local flooding. The BASF Park lies in an area suitable to store and slowly discharge stormwater. The site is currently 50% impervious, but it has the potential to collect and store stormwater from a larger collection area, prone to severe flooding. The site presents an ideal opportunity to combine green infrastructure and with water retention to improve water quality.

Project Description

The Northwest Resiliency Park (former BASF Property) is a multi-phase project that includes the acquisition, environmental investigation, design, planning, and construction of a 5.418 acre park in Northwest Hoboken. The project will serve a number of different purposes including but not limited to on-grade stormwater detention through green infrastructure, on-grade public park and open space, and sub-surface stormwater quantity and quality treatment. The sub-surface stormwater storage will be designed to receive approximately 1 million gallons of stormwater flows from a new high-level storm sewer system designed by the North Hudson Sewerage Authority (NHSA), treat for water quality, and either reuse for irrigation or pump to discharge through the existing NHSA outfall. The surface green infrastructure and on-site stormwater management measures will be designed to manage all stormwater falling on-site and on adjacent roadways to accommodate up to a 10 year, 12 hour rain event. The public park has been designed through a community planning process to include a multi-purpose athletic field, play areas, trees, lowland rain gardens, a central civic terrace, ice rink/fountain, and open space. The asphalt cap that currently serves as an engineering control pursuant to the approved Remedial Action Work Plans will be replaced with site specific engineering controls comprised of soil, visual and engineered barriers, and pavements. The property address is located at 1113-1131 Madison Street, Block 103 Lot 7 (1.148 acres) and 1201 Madison/1200 Adams Street, Block 107 Lot 1 (4.27 acres).

Anticipated Recipient:	North Bergen Municipal Utilities Authority		
Project No.:	S340399-20	Eligible Project Cost:	$38,083,680
Rank:	124		
County:	Hudson	Total State Amount:	$38,083,680

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	250
			State Planning Commission	50
			Population	0.046
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.046

Project Name, Number | **Priority List Rank**

North Bergen Municipal Utilities Authority
S340399-20 | 124
Sewage Treatment Plant (STP) - Improvement/Upgrade

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 Flow Effluent Plant (STP) Name (mgd) Reported BOD Reported SS (NJPDES) Design Present mgl mgl 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 thickeningstorage facilities a new electrical system and a plant-wide SCADA control system.

Anticipated Recipient:	Mount Laurel Township Municipal Utilities Authority		
Project No.:	S340943-06	Eligible Project Cost:	$5,849,119
Rank:	125		
County:	Burlington	Total State Amount:	$5,849,119

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/25
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	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	0
			Population	0.041864
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.041864

Project Name, Number

Mount Laurel Township Municipal Utilities Authority
S340943-06
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

125

County

Burlington

Existing Population

41,864

Service Area

The service area of the project includes all of Mount Laurel Township.

Need for Project

The majority of the facilities at the Hartford Road WPCF are more than 20 years old and are in need of rehabilitation. Rehabilitation of the equipment and structures before they fail will avoid the possibility of a permit violation due to unforseen equipment failures. The same reasoning applies to the rehabilitation of the off site pumping stations.

Project Description

Primary and secondary clarifier rehabilitation, conversion of warehouse to vehicle storage facility, belt filter press control panel replacement, heat tracing and insulation replacement, building roof replacements, Orbal aerator repairs, lightning protection, plant lighting replacement, conversion of storage building to plant laboratory, rehabilitation of two off-site sewage pumping stations and installation of PLC based monitoring system at 30 sewage pump stations.

Anticipated Recipient:	Ridgewood Village		
Project No.:	S340639-05	Eligible Project Cost:	$2,075,987
Rank:	126		
County:	Bergen	Total State Amount:	$2,075,987

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
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
			Population	0.02486
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.02486

Project Name, Number

Ridgewood Village
S340639-05
Sanitary Sewer System Rehabilitation

Priority List Rank

126

County

Bergen

Existing Population

24,860

Service Area

Village of Ridgewood

Need for Project

An InfiltrationInflow (II) analysis has been completed which documents the existence of excessive II within the service area. An additional study will be undertaken to further define the quantity of excessive II 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 8400 feet of force main. Three pumping stations will be modified - Ridgewood Lawns P.S. Bellair Road P.S. and Andover P.S. These mechanical improvements will enable the pump stations to handle additional sewage flows previously bypassed. These improvements are currently being designed.

Anticipated Recipient:	Cliffside Park Borough		
Project No.:	S340847-04	Eligible Project Cost:	$4,915,537
Rank:	127		
County:	Bergen	Total State Amount:	$4,915,537

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
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
			Population	0.023594
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.023594

Project Name, Number	Priority List Rank
Cliffside Park Borough S340847-04 Combined Sewer Overflow (CSO) - Traditional Infrastructure	127

County

Bergen

Existing Population

23,594

Service Area

The service area is the combined sewer portion of Cliffside Park that is tributary to Fort Lee, which is a CSO community.

Need for Project

To eliminate the CSO portion of Cliffside Park that is tributary to Fort Lee.

Project Description

The proposed project includes the separation of combined sewers within the Section I sewer service area. The project will include the installation of approximately 3800 LF of 15 1900 LF of 18 1100 LF of 24 and 800 LF of 30 diameter pipes. Also manholes inlets and appurtenances will be installed and roof leaders will be disconnected and reconnected to the storm system.

Anticipated Recipient:	Warren County (Pequest River) Municipal Utilities Authority		
Project No.:	S340454-05	Eligible Project Cost:	$3,997,392
Rank:	128		
County:	Warren	Total State Amount:	$3,997,392

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	550

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.005
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.005

Project Name, Number	Priority List Rank
Warren County (Pequest River) Municipal Utilities Authority S340454-05 Sewage Treatment Plant (STP) - Improvement/Upgrade	128

County

Warren

Existing Population

5,000

Service Area

Towns of Oxford and Belvidere and protions of White Washington and Mansfield Townships

Need for Project

Electrical power generated by photovoltaic units will be used by the WCMUA at its Belvidere and Oxford WWTPs to reduce the facility load during daily peak electrical demand.

Project Description

The proposed project includes installation of 300kw photovoltaic plants to generate additional electricity.

Anticipated Recipient:	Riverton Borough		
Project No.:	S340275-01	Eligible Project Cost:	$914,970
Rank:	129		
County:	Burlington	Total State Amount:	$914,970

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.002775
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.002775

Project Name, Number

Riverton Borough
S340275-01
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

129

County

Burlington

Existing Population

2,775

Service Area

Riverton Borough

Need for Project

The existing STP was constructed in the early 1950s and is becoming obsolete. The Boroughs STP discharges to the Delaware River and impacts potable water fishable-nontrout and agricultural water uses. Water quality marginally meets standards for dissolved oxygen and fecal coliform. Sewage Treatment Flow Effluent Plant (STP) Name (mgd) Reported BOD Reported SS (NJPDES) Design Present mgl mgl 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:	Perth Amboy City		
Project No.:	S340435-13	Eligible Project Cost:	$813,482
Rank:	130		
County:	Middlesex	Total State Amount:	$813,482

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	0
			Population	0.050814
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	825.050814

Project Name, Number	Priority List Rank
Perth Amboy City S340435-13 Combined Sewer Overflow (CSO) - Green Infrastructure	130

County

Middlesex

Existing Population

50,814

Service Area

The proposed project is within the City of Perth Amboy and will serve only the City of Perth Amboy.

Need for Project

This project is to help reduce the flow of storm water going into the City's combine sewer system.

Project Description

The proposed project includes the installation of porous pavement for the paving of Parking Lots C and RDH with the purpose of reducing the flow of storm water into the citys combine sewer system.

Anticipated Recipient:	Jefferson Township		
Project No.:	S340747-02	Eligible Project Cost:	$1,952,637
Rank:	131		
County:	Morris	Total State Amount:	$1,952,637

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	0
			Population	0.01671
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	825.01671

Project Name, Number

Jefferson Township
S340747-02
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

131

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 Flow Effluent Plant (STP) Name (mgd) Reported BOD Reported SS (NJPDES) Design Present mgl mgl 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 250000 gpd and using the oxidation ditch process. Wastewater from the Cozy Lake Lake Swannomoa and the White Rock Lake areas would be treated there. The proposed facility would include a pumping station force main interceptor and collection system.

Anticipated Recipient:	Wrightstown Municipal Utilities Authority		
Project No.:	S340925-01	Eligible Project Cost:	$3,866,213
Rank:	132		
County:	Burlington	Total State Amount:	$3,866,213

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	275
			State Planning Commission	0
			Population	0.00315
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	825.00315

Project Name, Number | **Priority List Rank**

Wrightstown Municipal Utilities Authority
S340925-01 | 132
Sewage Treatment Plant (STP) - Improvement/Upgrade

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 Flow Effluent Plant (STP) Name (mgd) Reported BOD Reported SS (NJPDES) Design Present mgl mgl Wrightstown STP (NJ0022985) 0.2 0.155 98.4 2.4 99.1 5.0

Project Description

The proposed project will upgrade the plants secondary treatment processes. A pump station and emergency generator will be installed. The following process units will also be added to the existing facilities nitrificationdenitrification sludge dewatering and handling ultraviolet disinfection and 24-hour composite sample controls.

Anticipated Recipient:	Jersey City		
Project No.:	S340928-30	Eligible Project Cost:	$2,710,730
Rank:	133		
County:	Hudson	Total State Amount:	$2,710,730

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	100
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	810.247597

Project Name, Number	Priority List Rank
Jersey City S340928-30 Equipment Purchase (Clean Water)	133

County

Hudson

Existing Population

247,597

Service Area

(Project name: Stormwater Green Infrastructure - Street Cleaning for Clean Water) Jersey City DPW cleans 220.59 miles of municipal roads using mechanical and air street sweepers all year-round. Main thoroughfares are swept six times a week both sides on alternating days; while secondary roads are swept four times a week on alternating days. DPW street sweepers operate in densely populated neighborhoods that include six wards (A-F) with high volume of pedestrian and vehicular traffic. The greatest beneficiary of having street sweeping it helps water quality and street sweepers, particularly the vacuum models, remove fine particles and contaminants that would otherwise wash in to the storm sewers such as leaves and litter. The older models are less efficient and consequently have an influence on water quality and the environment.

Need for Project

Jersey City is part of a coastal peninsula and includes tidally influenced watershed: the Hackensack Watershed, the Passaic River, the Rahway River/Arthur Kill/Kill Van Kull. DPW all year-round street sweeping prevented a total 3465.45 tonnage of debris in 2015-2016 to entering storm drains reaching our local waterways.

Project Description

(Project name: Stormwater Infrastructure-Street Sweeping for Clean Water) The proposed project is to phased out the older models of street sweepers that are less efficient and consequently have an influence on water quality and the environment. Street sweeping is one method to prevent dirt and grit pollution from entering storm drains and reaching our local waterways. The newer sweepers will enhance the effectiveness of sweeping by reducing street-dirt yield. DPW proposed to purchase (6) RAVO 5ISeries Tier 3 Engine @ $252, 087.00 per vehicle with extended 5 year warranty included and (1) vacuum high pressure sewer cleaning trucks & associated equipment @ $455,000.00 per vehicle. In addition, DPW proposed to purchase (7) sidewalk sweepers - Tennant ATL 4300 Diesel (Kubota D1105) @ $41,631.36 per vehicle.

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-35	Eligible Project Cost:	$229,126
Rank:	134		
County:	Hudson	Total State Amount:	$229,126

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.227584
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.227584

Project Name, Number

North Hudson Sewer Authority
S340952-35
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

134

County

Hudson

Existing Population

227,584

Service Area

Population of the four municipalities served by NHSA : Hoboken, Union City, West New York, Weehawken. Basis: US Census Data

Need for Project

Replacement of deteriorated pump which has reached the end of its useful life at the Adams Street WWTP

Project Description

Replacement of Faulty Pump Equipment at the Adams Road WWTP

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-34	Eligible Project Cost:	$1,114,630
Rank:	135		
County:	Hudson	Total State Amount:	$1,114,630

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.227
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.227

Project Name, Number	Priority List Rank
North Hudson Sewer Authority S340952-34 Sanitary Sewer System Rehabilitation	135

County

Hudson

Existing Population

227,000

Service Area

The service area includes Hoboken, West New York, Weehawken and portions Union City. The population was estimated based on census data.

Need for Project

Project Improvements designed to improve the structural integrity of the combined sewer system.

Project Description

The project consists of Cured in Place Pipe Lining (CIPP). In addition the NHSA is proposing to clean and inspect two segments of the combined sewer, spot repair via open cut excavation seven separate locations and remove and replace one (1)manhole with a new precast concrete manhole.

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-21	Eligible Project Cost:	$2,718,518
Rank:	136		
County:	Hudson	Total State Amount:	$2,718,518

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.2
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.2

Project Name, Number | **Priority List Rank**

North Hudson Sewer Authority
S340952-21 | 136
Decentralized Wastewater (or Septic) System Repair/Replacement

County

Hudson

Existing Population

200,000

Service Area

The NHSA serves as a regional conveyance, transmission, treatment and disposal authority for wastewater generated in the municipalities of Hoboke, Union City, Weehawken and West New York.

Need for Project

WWTP equipment to be rehabilitated and/or replaced under this project has reached the end of its useful life. Failure of such equipment could result in a violation of NJPDES permit limits. Sewers are corroded/detiorated and in need of rehabilitation

Project Description

(Carryover SFY2015) - Sewer Rehabilitation will include the cleaning lining and spot repairs (open cut) of combined and sanitary sewers in the Authoritys service area.

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-27	Eligible Project Cost:	$500,308
Rank:	136		
County:	Hudson	Total State Amount:	$500,308

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.2
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.2

Project Name, Number	Priority List Rank
North Hudson Sewer Authority S340952-27 Sanitary Sewer System Rehabilitation	136

County

Hudson

Existing Population

200,000

Service Area

The North Hudson Sewerage services the City of Hoboken, Weehawken, Union City and West New York

Need for Project

Clean water

Project Description

Proposed improvements include rehabilitating various sections of deteriorated piping. Rehabilitation will include blockage removal and lining various sections of combined and sanitary sewers as well as spot repairs as needed (open cut). This project will include the cleaning and inspection of approximately 12300 linear feet of existing sewer pipe and CIPP lining of approximately 5500 linear feet of existing sewer pipe throughout the NHSA service area.

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-22	Eligible Project Cost:	$15,451,847
Rank:	136		
County:	Hudson	Total State Amount:	$15,451,847

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.2
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.2

Project Name, Number	Priority List Rank
North Hudson Sewer Authority S340952-22 Decentralized Wastewater (or Septic) System Repair/Replacement	136

County

Hudson

Existing Population

200,000

Service Area

The North Hudson Sewerage Authority serves as a regional conveyance, transmission, treatment and disposal authority for wastewater generated in the municipalities of Hoboken, Union City, Weehawken, and West New York.

Need for Project

As part of the New Jersey Pollutant Discharge Eliminatino System (NJPDES) permit for the NHSA Adams Street Wastewater Treatment Plant, the NHSA must implement measures that will capture, remove, and prevent the discharge of Solids and Floatables which can not pass through a bar screen having a bar spacing of 0.5 inches from all CSO points. The NHSA has negotiated an Administrative Consent Order (ACO) with the New Jersey Department of Environmental Protection for implementation of the Solids and Floatables Control Program. The W1234 outfall is the final remaining outfall within the S/F Control Program that requires a Solids/Floatables Screening Facility.

Project Description

(Carryover SFY2015) - The proposed project includes construction of an end-of-pipe solids and floatables screening facility. Including in the project is a pier structure to facilitate access and maintenance of facility.

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-24	Eligible Project Cost:	$2,330,694
Rank:	136		
County:	Hudson	Total State Amount:	$2,330,694

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.2
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.2

Project Name, Number	Priority List Rank
North Hudson Sewer Authority S340952-24 Sanitary Sewer System Rehabilitation	136

County

Hudson

Existing Population

200,000

Service Area

The Adams Street plant treats all of the sewage generated within the City of Hoboken, approximately 83% of the sewage generated in Weehawken and approximately 45 percent of that generated in Union City.

Need for Project

Existing sewers are currently undersized, causing local street flooding.

Project Description

The existing sewers located on Hamilton Avenue and JFK Boulevard are currently undersized. The proposed project would enable the combined sewer pipe located on JFK Boulevard between Hamilton Avenue and Parkview Avenue to accommodate a 1-year storm. The proposed project would require installing approximately 920 lf of new 27 combined sewer on Hamilton Avenue and 1120 lf of 48 pipe on JFK Boulevard. Installing the larger pipe would prevent the need to upgrade the pipe again.

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-18	Eligible Project Cost:	$510,792
Rank:	136		
County:	Hudson	Total State Amount:	$510,792

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.2
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.2

Project Name, Number | **Priority List Rank**

North Hudson Sewer Authority
S340952-18 | 136
Combined Sewer Overflow (CSO) - Traditional Infrastructure

County

Hudson

Existing Population

200,000

Service Area

City of Hoboken and portions of the Township of Weehawken Union City and West New York

Need for Project

The proposed replacement and upgrade projects are required to maintain the current reliability and operability of the existing wastewater collection system.

Project Description

The pumps at the 5th Street Pump Station clog frequently particularly after storm events which affect the reliable pumping of sewage through this station. An analysis was conducted to evaluate the potential screeninggrinding technologies which would help protect the pumps from clogging. Evaluation indicated that the ABS contrablock pump offers the best combination of minimum installation costs and the highest potential for reduced operational issues. Therefore the 5th Street Pump Station Contrablock Pump Replacement project is conducted to replace the existing pumps at the 5th street pump station with the ABS contrablock pumps.

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-25	Eligible Project Cost:	$1,396,910
Rank:	136		
County:	Hudson	Total State Amount:	$1,396,910

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.2
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.2

Project Name, Number	Priority List Rank
North Hudson Sewer Authority S340952-25 Combined Sewer Overflow (CSO) - Traditional Infrastructure	136

County

Hudson

Existing Population

200,000

Service Area

The Adams Street plant treats all of the sewage generated within the City of Hoboken, approximately 83% of the sewage generated in Weehawken and approximately 45 percent of that generated in Union City.

Need for Project

The purpose of the proposed rehabilitation is to correct hydraulic issues.

Project Description

Replacement of existing float and gate mechanisms and the installation of vortex valves to dissipate the energy of the combined sewer flow being discharged from the structures.

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-02	Eligible Project Cost:	$30,948,777
Rank:	136		
County:	Hudson	Total State Amount:	$30,948,777

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.2
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.2

Project Name, Number	Priority List Rank
North Hudson Sewer Authority S340952-02 Combined Sewer Overflow (CSO) - Traditional Infrastructure	136

County

Hudson

Existing Population

200,000

Service Area

Hoboken, Weehawken, West New York

Need for Project

The Authoritys 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:	North Hudson Sewer Authority		
Project No.:	S340952-23	Eligible Project Cost:	$3,032,199
Rank:	136		
County:	Hudson	Total State Amount:	$3,032,199

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.2
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.2

Project Name, Number	Priority List Rank
North Hudson Sewer Authority S340952-23 Sewage Treatment Plant (STP) - Improvement/Upgrade	136

County

Hudson

Existing Population

200,000

Service Area

The Adams Street plant treats all of the sewage generated within the City of Hoboken, approximately 83% of the sewage generated in Weehawken and approximately 45 percent of that generated in Union City.

Need for Project

The secondary treatment process for the Adams Street WWTP has reached the end of its useful life and requires rehabilitation so the facility can comply with its permit limits.

Project Description

The Adams Street WWTP Phase 2 improvements include upgrades to the physical systems and some common systems and emergency repair of Hydrogritters. (submitted as emergency repairs).

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-32	Eligible Project Cost:	$4,492,662
Rank:	144		
County:	Hudson	Total State Amount:	$4,492,662

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.192349
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.192349

Project Name, Number | **Priority List Rank**

North Hudson Sewer Authority
S340952-32 | 144
Combined Sewer Overflow (CSO) - Traditional Infrastructure

County

Hudson

Existing Population

192,349

Service Area

The project is located in the City of Hoboken which is fully developed urban area CSO community. The land use is primarily residential.

Need for Project

Not applicable

Project Description

The installation of 960 linear feet of 42-inch diameter of combined sewer, the installation of 14 manholes, 17 inlets and the associated restoration of the roadway and surrounding area along Madison Avenue from 9th Street to 11th Street. The project also consists of the installation of 10 new access points and the rehabilitation of the trunk sewer from 11th Street to Hudson Street.

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-33	Eligible Project Cost:	$20,784,000
Rank:	144		
County:	Hudson	Total State Amount:	$20,784,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.192349
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.192349

Project Name, Number	Priority List Rank
North Hudson Sewer Authority S340952-33 Combined Sewer Overflow (CSO) - Traditional Infrastructure	144

County

Hudson

Existing Population

192,349

Service Area

The service area consists of the City of Hoboken, the Township of Weehawken, the City of Union City and the Town of West New York.

Need for Project

no

Project Description

Phase 1 of the construction of a Pumping Station, Mech/Elec Controls Building, Vortex Grit Separators and Connection Points for Force Main and Gravity Influent Sewer

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-29	Eligible Project Cost:	$1,199,640
Rank:	146		
County:	Hudson	Total State Amount:	$1,199,640

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.180687
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.180687

Project Name, Number	Priority List Rank
North Hudson Sewer Authority S340952-29 Sewage Treatment Plant (STP) - Improvement/Upgrade	146

County

Hudson

Existing Population

180,687

Service Area

West New York and Union City

Need for Project

To maintain operating performance of the River Road WWTP in order to meet NJPDES permit requirements.

Project Description

Replacing the facility boilers and trickling filter odor control

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-30	Eligible Project Cost:	$2,454,000
Rank:	146		
County:	Hudson	Total State Amount:	$2,454,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.180687
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.180687

Project Name, Number	Priority List Rank
North Hudson Sewer Authority S340952-30 Sewage Treatment Plant (STP) - Improvement/Upgrade	146

County

Hudson

Existing Population

180,687

Service Area

The Adams Street plant treats all of the sewage generated within the City of Hoboken, approximately 83% of the sewage generated in Weehawken and approximately 45 percent of that generated in Union City.

Need for Project

The secondary treatment process for the Adams Street WWTP has reached the end of its useful life and requires rehabilitation so the facility can comply with its permit limits.

Project Description

Includes Phase 3 of the rehabilitation of the Secondary Treatment System (PURAC): The work consists of furnishing and installing Dissolved air flotation equipment, filter underdrains, media and backwash troughs, filter valves and actuators, filter influent gates and actuators, instrument air and process air compressors, backwash air blowers, plant water system pumps and piping, sludge pumps, structural repairs and installations, painting, instrument and control systems modifications and improvements, and electrical system modifications and improvements.

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-31	Eligible Project Cost:	$547,350
Rank:	146		
County:	Hudson	Total State Amount:	$547,350

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	0
			Population	0.180687
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.180687

Project Name, Number	Priority List Rank
North Hudson Sewer Authority S340952-31 Combined Sewer Overflow (CSO) - Green Infrastructure	146

County

Hudson

Existing Population

180,687

Service Area

The North Hudson service area is completely developed area in Hudson County, New Jersey. The area is served by a combined sewers that discharges into the Hudson River. The land use is primarily residential with a high percentage of impervious coverage.

Need for Project

The project is part of the Authority's Long Term Control Plan.

Project Description

The project consists of the construction of rain gardens, porous pavement and stormwater planters at three locations in West New York, Union City and Weehawken, NJ.

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-28	Eligible Project Cost:	$1,200,000
Rank:	146		
County:	Hudson	Total State Amount:	$1,200,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.180687
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.180687

Project Name, Number	Priority List Rank
North Hudson Sewer Authority S340952-28 Sanitary Sewer System Rehabilitation	146

County

Hudson

Existing Population

180,687

Service Area

The North Hudson Sewerage services the City of Hoboken, Weehawken, Union City and West New York

Need for Project

Clean Water

Project Description

Consists of the cleaning and lining of combined sewers in the West New York, Union City, Hoboken and Weehawken.

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S345190-01	Eligible Project Cost:	$3,000,000
Rank:	146		
County:	Hudson	Total State Amount:	$3,000,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.180687
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.180687

Project Name, Number	Priority List Rank
North Hudson Sewer Authority S345190-01 Combined Sewer Overflow (CSO) - Traditional Infrastructure	146

County

Hudson

Existing Population

180,687

Service Area

The cities of Hoboken, Union City, West New York and Weehawken

Need for Project

Not Applicable

Project Description

The preparation of a Long Term Control Plan, which includes the characterization of the combined sewer system, preparation of a computer hydraulic model, wet weather/dry weather sampling. preparation of alternatives, evaluation of alternatives, implementation of alternatives and preparation of implementation schedule.

Anticipated Recipient:	Long Branch Sewerage Authority		
Project No.:	S340820-04	Eligible Project Cost:	$5,860,527
Rank:	151		
County:	Monmouth	Total State Amount:	$5,860,527

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	25
Toxics	0	25	50	0
			Subtotal	25
			State Planning Commission	25
			Population	0.030719
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.030719

Project Name, Number	Priority List Rank
Long Branch Sewerage Authority S340820-04 Sewage Treatment Plant (STP) - Improvement/Upgrade	151

County

Monmouth

Existing Population

30,719

Service Area

City of Long Branch West Long Branch (portion)

Need for Project

Improvements to wastewater treatment plant to prevent future flooding damages and potential discharges due to storm related loss of operations.

Project Description

Installation of flood barriers raising of electrical equipment replacement of pumps with submersible pumps repair of outfall pipe and installation of a flood wall.

Anticipated Recipient:	Hudson County Improvement Authority		
Project No.:	S340652-01	Eligible Project Cost:	$3,997,392
Rank:	152		
County:	Hudson	Total State Amount:	$3,997,392

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	50
			Population	0.01166
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.01166

Project Name, Number | **Priority List Rank**

Hudson County Improvement Authority
S340652-01 | 152
Combined Sewer Overflow (CSO) - Traditional Infrastructure

County

Hudson

Existing Population

11,660

Service Area

Portions of North Bergen (Area III)

Need for Project

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

Project Description

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

Anticipated Recipient:	Riverside Sewerage Authority		
Project No.:	S340490-01	Eligible Project Cost:	$410,205
Rank:	153		
County:	Burlington	Total State Amount:	$410,205

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	225

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	15
			Population	0.008079
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	800.008079

Project Name, Number

Riverside Sewerage Authority
S340490-01
Sludge Treatment/Disposal Facilities

Priority List Rank

153

County

Burlington

Existing Population

8,079

Service Area

The Riverside Wastewater Treatment Plant accepts flow from the properties within the Riverside Sewer Service Area.

Need for Project

N/A

Project Description

The Riverside Primary Digester Mixing System project consists of adding a recirculating jet mixing system to the existing primary anaerobic sludge digester. The project will include the abandonment of the current gas recirculation mixing system, installing new chopper type centrifugal pumps and jet mixing nozzles within the tank, interconnecting piping, electrical controls, and a new flare. As part of the project, the digester will need to be drained and cleaned.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-35	Eligible Project Cost:	$327,401
Rank:	154		
County:	Essex	Total State Amount:	$327,401

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.35
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	776.35

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-35 Stormwater Management - Green Infrastructure	154

County

Essex

Existing Population

1,350,000

Service Area

PVSC serves 48 municipalities is portions of Bergen, Hudson, Essex, Passaic and Union counties.

Need for Project

PVSC's stormwater drains to Jasper Creek which drains to Newark Bay which is listed on the NJ 303(d) list of impaired water bodies.

Project Description

PVSCs Administration Building Entry Plaza will be reconstructed with a Green Infrastructure Installation including the use of permeable pavers pervious concrete and porous asphalt. It will also include the installation of a rain garden.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-36	Eligible Project Cost:	$210,429
Rank:	154		
County:	Essex	Total State Amount:	$210,429

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	25

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.35
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	776.35

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-36 Stormwater Management - Green Infrastructure	154

County

Essex

Existing Population

1,350,000

Service Area

PVSC serves 48 municipalities in portions of Bergen, Essex, Hudson, Passaic and Union Counties.

Need for Project

PVSC's stormwater discharges to Jasper Creek which is connected to Newark Bay. Newark Bay is listed on the NJDEP's 303(d) list of impaired water bodies.

Project Description

This project will include the installation of storage tanks to collect stormwater from roof drains for use in PVSCs car wash to reduce the amount of potable water used for this purpose and reduce the amount of rain water entering the PVSC stormwater system.

Anticipated Recipient:	Hamilton Township		
Project No.:	S340898-01	Eligible Project Cost:	$11,495,634
Rank:	156		
County:	Mercer	Total State Amount:	$11,495,634

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	0
			Population	0.09542
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	775.09542

Project Name, Number	Priority List Rank
Hamilton Township S340898-01 Sewage Treatment Plant (STP) - Improvement/Upgrade	156

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 Flow Effluent Plant (STP) Name (mgd) Reported BOD Reported SS (NJPDES) Design Present mgl mgl 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:	Perth Amboy City		
Project No.:	S340435-14	Eligible Project Cost:	$2,500,000
Rank:	157		
County:	Middlesex	Total State Amount:	$2,500,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	0
			Population	0.050814
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	825.050814

Project Name, Number	Priority List Rank
Perth Amboy City S340435-14 Combined Sewer Overflow (CSO) - Green Infrastructure	157

County

Middlesex

Existing Population

50,814

Service Area

Service area is limited to limits within the City of Perth Amboy only.

Need for Project

In complying with the new CSO permit, the City is working towards and doing everything possible to reduce the overflow events into the Raritan Bay and Arthur Kill. This project will help in reducing the amount of overflow events at least at CSO 002A which discharges into the Arthur Kill.

Project Description

Combine sewer separation in the area bounded by Pulaski Ave (north side), State St. (west side), Parker St. (east side) and James St. (south side).

Anticipated Recipient:	Perth Amboy City		
Project No.:	S340435-11	Eligible Project Cost:	$6,459,351
Rank:	157		
County:	Middlesex	Total State Amount:	$6,459,351

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	0
			Population	0.050814
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	775.050814

Project Name, Number

Perth Amboy City
S340435-11
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

157

County

Middlesex

Existing Population

50,814

Service Area

The proposed project is to reduce the flood damages risk and vulnerability and to enhance the resiliency to a future disaster at the Second Street Pump Station located at 2 Second Street, Perth Amboy, New Jersey, Middlesex County. Only the residents of the City of Perth Amboy will benefit from this project.

Need for Project

The proposed improvements will reduce the possibility of flood damages to the pump station and therefore reducing the discharge of raw sewerage into the Raritan Bay.

Project Description

The proposed project will include at a minimum the relocation of offices to a second floor mezzanine replacement of 3 existing pumps with dry pit submersible pumps relocate all essential electrical equipment to a new electrical room on the second floor mezzanine modify the bar screenswet well room to flood protected it from external flood waters and sewer system surcharging relocate boiler system and water heater to second floor mezzanine miscellaneous dry flood proofing of building openings provide new stand by generator with acoustical enclosure to be installed on a new elevated concrete slab and provide heating and ventilation for new electrical room and boiler room and second floor mezzanine.

Anticipated Recipient:	Perth Amboy City		
Project No.:	S340435-16	Eligible Project Cost:	$1,120,000
Rank:	157		
County:	Middlesex	Total State Amount:	$1,120,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	0
			Population	0.050814
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	775.050814

Project Name, Number	Priority List Rank
Perth Amboy City S340435-16 Combined Sewer Overflow (CSO) - Green Infrastructure	157

County

Middlesex

Existing Population

50,814

Service Area

City of Perth Amboy only.

Need for Project

To reduce the impact of the combine sewer system to the community of Perth Amboy.

Project Description

The City of Perth Amboy is pursuing green infrastructure projects in the city to reduce the impact of the combine sewer system to the community. These projects are not to exceed $1,000,000 for FY 2017.

Anticipated Recipient:	Perth Amboy City		
Project No.:	S345220-01	Eligible Project Cost:	$920,504
Rank:	157		
County:	Middlesex	Total State Amount:	$920,504

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	0
			Population	0.050814
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	775.050814

Project Name, Number	Priority List Rank
Perth Amboy City S345220-01 Combined Sewer Overflow (CSO) - Traditional Infrastructure	157

County

Middlesex

Existing Population

50,814

Service Area

The project is to serve the City of Perth Amboy only.

Need for Project

This project is for the preparation of the Long Term Control Plan as per the City's CSO Permit and for the compliance of other requirements as are stated on the CSO Permit.

Project Description

This is for the preparation of the CSO Permit Long Term Control Plan and other requirements in accordance to the CSO Permit issued to the City of Perth Amboy in March 2015 with an effective date of July 1, 2015.

Anticipated Recipient:	Perth Amboy City		
Project No.:	S340435-19	Eligible Project Cost:	$387,200
Rank:	157		
County:	Middlesex	Total State Amount:	$387,200

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	0
			Population	0.050814
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	775.050814

Project Name, Number

Perth Amboy City
S340435-19
Combined Sewer Overflow (CSO) - Traditional Infrastructure

Priority List Rank

157

County

Middlesex

Existing Population

50,814

Service Area

The equipment is to be used within the City of Perth Amboy limits only.

Need for Project

This project is for the purchasing of a CCTV Video Pipeline Inspection System. The purchasing of this equipment will help with I/I investigation in the collection system, provide a system for documenting, assessing, tracking and addressing sewer conditions and the maximize use of the collection system for storage which potentially would help with reducing overflow events into the receiving waters. It will also help with the flushing of sewer mains which is essential for the system storage and improve system conveying capacity.

Project Description

This project is for the purchasing of a CCTV Video Pipeline Inspection System. The purchasing of this equipment will help with I/I investigation in the collection system, provide a system for documenting, assessing, tracking and addressing sewer conditions and the maximize use of the collection system for storage which potentially would help with reducing overflow events into the receiving waters. It will also help with the flushing of sewer mains which is essential for the system storage and improve system conveying capacity.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-43	Eligible Project Cost:	$43,388,560
Rank:	160		
County:	Essex	Total State Amount:	$43,388,560

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.490904
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.490904

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-43 Stormwater Management - Gray Infrastructure	160

County

Essex

Existing Population

1,490,904

Service Area

PVSC serves 48 municipalities in parts of Bergen, Hudson, Essex, Union and Passaic Counties.

Need for Project

PVSC is constructing Flood Walls to protect the treatment plant during extreme weather events. As a result, the stormwater collection systems within the Flood Wall need to be redesigned and reconstructed to include stormwater pumping stations to prevent flooding from within the Flood Walls.

Project Description

In order to mitigate against future storm rain events and remove the water within the new flood wall, three pumping stations will be constructed. The pump stations will be provided on the east (2 No.) and west (1 No.) side of the treatment plant. Each pumping station will consist of pile supported reinforced concrete structures, mechanical pumps and electrical equipment.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-42	Eligible Project Cost:	$21,399,040
Rank:	160		
County:	Essex	Total State Amount:	$21,399,040

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	25

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.490904
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.490904

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-42 Stormwater Management - Gray Infrastructure	160

County

Essex

Existing Population

1,490,904

Service Area

PVSC serves 48 municipalities in portions of Bergen, Hudson, Essex, Union and Passaic Counties.

Need for Project

PVSC is constructing a Floodwall to protect its treatement plant from extreme weather events. The construction of the floodwall requires that the stormwater collection system withing the wall be redesigned and reconstructed to prevent interal flooding.

Project Description

In order to mitigate against future storm rain events and remove the water within the new flood wall, PVSC will be required to upgrade the existing storm water drainage system. The new drainage system will consist of a network of pipes throughout the plant ranging in sizes from 12" to 72" in diameter on pile supported foundations.

Anticipated Recipient:	West Milford Municipal Utilities Authority		
Project No.:	S340701-11	Eligible Project Cost:	$9,189,254
Rank:	162		
County:	Passaic	Total State Amount:	$9,189,254

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	75/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	275

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.02585
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	775.02585

Project Name, Number	Priority List Rank
West Milford Municipal Utilities Authority S340701-11 Sewage Treatment Plant (STP) - Improvement/Upgrade	162

County

Passaic

Existing Population

25,850

Service Area

West Milford Township

Need for Project

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

Project Description

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

Anticipated Recipient:	West Milford Municipal Utilities Authority		
Project No.:	S340701-12	Eligible Project Cost:	$301,823
Rank:	162		
County:	Passaic	Total State Amount:	$301,823

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	75/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	275

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.02585
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	775.02585

Project Name, Number	Priority List Rank
West Milford Municipal Utilities Authority S340701-12 Non-Point Source (NPS) Pollution Controls	162

County

Passaic

Existing Population

25,850

Service Area

The projects will be located in the Crescent Park, Bald Eagle Village, Olde Milford Estates, Birch Hill and Highview service areas.

Need for Project

The treatment plants and pumping stations at which the emergency power generators will be rehabilitated are no longer reliable. They did not function properly during Superstorm Sandy and have the potential to cause discharges of improperly treated sewage in the event of their failure.

Project Description

(Carryover SFY2015) - The proposed project includes rehabilitation of emergency power generators at the Crescent Park Bald Eagle Village Olde Milford Estates Birch Hill and Highview treatment plants and also at the Braderick Bissett Milford Manor and Morris lift stations.

Anticipated Recipient:	Hackensack City		
Project No.:	S340923-14	Eligible Project Cost:	$6,480,000
Rank:	164		
County:	Bergen	Total State Amount:	$6,480,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
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	25
			Subtotal	100
			State Planning Commission	0
			Population	0.04301
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	760.04301

Project Name, Number	Priority List Rank
Hackensack City S340923-14 Combined Sewer Overflow (CSO) - Traditional Infrastructure	164

County

Bergen

Existing Population

43,010

Service Area

Sewer Separation Efforts to Support Main Street Redevelopment

Need for Project

Pursuant to New Jersey Pollutant Discharge Elimination System Combined Sewer Overflow permit requirements the City's Long Term Control Plan must be completed by July 2020. Water quality based need for these projects are to reduce overflow occurrence and mitigate surcharge of CSOs by facilitating sewer separation of sanitary and storm sewers with an ultimate goal of not to exceed four (4) overflows per year.

Project Description

Separation of the combined sewers on Main Street to facilitate Redevelopment

Anticipated Recipient:	Hackensack City		
Project No.:	S340923-12	Eligible Project Cost:	$5,903,680
Rank:	164		
County:	Bergen	Total State Amount:	$5,903,680

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
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	25
			Subtotal	100
			State Planning Commission	0
			Population	0.04301
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	760.04301

Project Name, Number	Priority List Rank
Hackensack City S340923-12 Combined Sewer Overflow (CSO) - Traditional Infrastructure	164

County

Bergen

Existing Population

43,010

Service Area

The City of Hackensack

Need for Project

This project is phase 2 of a multiphase project for combined sewer sewer separation, which will eventually eliminate sanitary sewer flow into the Hackensack River.

Project Description

Combined sewer separation Phase 2 through the City of Hackensack's redevelopment area.

Anticipated Recipient:	Hackensack City		
Project No.:	S340923-13	Eligible Project Cost:	$14,700,000
Rank:	164		
County:	Bergen	Total State Amount:	$14,700,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
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	25
			Subtotal	100
			State Planning Commission	0
			Population	0.04301
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	760.04301

Project Name, Number

Hackensack City
S340923-13
Combined Sewer Overflow (CSO) - Traditional Infrastructure

Priority List Rank

164

County

Bergen

Existing Population

43,010

Service Area

Sewer Separation in parts of James, Clay and Court Streets

Need for Project

Pursuant to New Jersey Pollutant Discharge Elimination System Combined Sewer Overflow permit requirements the City's Long Term Control Plan must be completed by July 2020. Water quality based need for these projects are to reduce overflow occurrence and mitigate surcharge of CSOs by facilitating sewer separation of sanitary and storm sewers with an ultimate goal of not to exceed four (4) overflows per year.

Project Description

Pursuant to New Jersey Pollutant Discharge Elimination System Combined Sewer Overflow permit requirements the City's Long Term Control Plan (LTCP) must be completed by July 2020. The City is seeking financial assistance for the preparation, creation and implementation of the LTCP / System Characterization Report as well as CSO separation efforts for parts of James, Clay and Court Streets which will be constructed under three construction contracts to replace the existing drainage structures, and design new separated drainage improvements including inlets to increase storage capacity of stormwater, reducing the frequency of flooding and CSO discharging events. These projects incorporate consideration of future sewer separation in the region that will be included in the final conclusions of LTCP.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-22	Eligible Project Cost:	$526,800
Rank:	167		
County:	Hudson	Total State Amount:	$526,800

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	650

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	50
			Population	0.248475
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	750.248475

Project Name, Number

Jersey City Municipal Utilities Authority
S340928-22
Stormwater Management - Green Infrastructure

Priority List Rank

167

County

Hudson

Existing Population

248,475

Service Area

Urban

Need for Project

To lessen CSO water outflows.

Project Description

Sections of deteriorating sidewalk will be removed and replaced with pervious surfaces that will recharge groundwater. Two existing downspouts will be directed into six pre-cast downspout planter boxes. The planter boxes will be equipped with perforated underdrains that will discharge to approximately 1760 square feet of pervious concrete sidewalk that will intercept treat and filter stormwater runoff from the rooftop. Portions of parking lot will be removed and replaced with permeable surfaces that promote groundwater recharge. Approximately 8540 square feet of porous asphalt parking spaces will be installed to intercept treat and filter stormwater runoff from the parking lot. Two rain gardens totaling 480 square feet will be installed in front of the building to capture stormwater runoff from the adjacent parking lot. Additionally three rain gardens totaling 1200 square feet will be installed along New Jersey 440 to intercept treat and filter stormwater runoff from a portion of the roadway.

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-08	Eligible Project Cost:	$1,640,997
Rank:	168		
County:	Atlantic	Total State Amount:	$1,640,997

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.163667
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	750.163667

Project Name, Number | **Priority List Rank**

Atlantic County Utilities Authority
S340809-08 | 168
Sewage Treatment Plant (STP) - Improvement/Upgrade

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:	Cumberland County Utilities Authority		
Project No.:	S340550-07	Eligible Project Cost:	$1,054,062
Rank:	169		
County:	Cumberland	Total State Amount:	$1,054,062

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	25
			Population	0.156898
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	750.156898

Project Name, Number	Priority List Rank
Cumberland County Utilities Authority S340550-07 Sewage Treatment Plant (STP) - Improvement/Upgrade	169

County

Cumberland

Existing Population

156,898

Service Area

Bridgeton, portions of Fairfield, Upper Deerfield and Hopewell

Need for Project

Pump Station Replacement - Reduce or eliminate the risk of overflow and/or bypass. Water Treatment Plant - Maintain current levels of treatment

Project Description

The proposed project includes improvements to treatment plant including energy efficient equipment and processes

Anticipated Recipient:	Somerset Raritan Valley Sewer Authority		
Project No.:	S340801-09	Eligible Project Cost:	$6,000,000
Rank:	170		
County:	Somerset	Total State Amount:	$6,000,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
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
			Population	0.149063
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	750.149063

Project Name, Number

Somerset Raritan Valley Sewer Authority
S340801-09
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

170

County

Somerset

Existing Population

149,063

Service Area

Branchburg Township, Bridgewater Township, Hillsborough Township, Manville Borough, Raritan Borough, Somerville Borough, Warren Township and portions of Greenbrook via Warren.

Need for Project

These treatment plant improvements are necessary to replace aging equipment and infrastructure for the continued uninterrupted operation of the Somerset Raritan Valley Sewerage Authoritys (SRVSA) regional wastewater treatment plant. Interruptions to wastewater treatment plant operations could potentially result in discharge of partially- or un-treated wastewater that would negatively impact surface water quality. These treatment plant improvements will help to minimize such treatment plant interruptions and aide in treatment plant operations that will be beneficial to maintaining water quality of the surrounding water bodies, including the Raritan River.

Project Description

Description: This project includes the planning, design and construction of various treatment plant rehabilitation improvements at the Somerset Raritan Valley Sewerage Authority's (SRVSA's) regional wastewater treatment plant located in Bridgewater, Somerset County, New Jersey. These will include the following: 1. Replacement of an existing flat roof that has reached the end of its useful life with a new pitched roof structure on the Headworks Building. 2. Replacement of two existing grit collection systems in the Headworks Building that have reached the end of their useful life with two new grit collection systems. 3. Rehabilitation of existing plant-wide electrical systems, including motor control centers, conduits and conductors, as well as indoor and outdoor facility lighting that have reached the end of their useful life with new electrical systems. 4. Remediation of asbestos containing materials in Building 600 and Building 603

Anticipated Recipient:	Somerset Raritan Valley Sewer Authority		
Project No.:	S340801-07	Eligible Project Cost:	$14,834,451
Rank:	171		
County:	Somerset	Total State Amount:	$14,834,451

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
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
			Population	0.117
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	750.117

Project Name, Number	Priority List Rank
Somerset Raritan Valley Sewer Authority S340801-07 Sewage Treatment Plant (STP) - New	171

County

Somerset

Existing Population

117,000

Service Area

The SRVSA provides service to the Township of Bridgewater, Township of Branchburg, the Township of Hillsborough, the Borough of Manville, the Borough of Raritan, the Borough of Somerville (Somerville), the Township of Warren, and portions of the Township of Green Brook. Combined, all municipalities contribute to a service area of over 67 square miles.

Need for Project

In the event of a major storm, the Somerset Raritan Valley Sewerage Authority's (SRVSA) interceptor system becomes surcharged due to excessive infiltration/inflow, also known as I/I, from its member municipalities' sewer collection systems. Given these conditions, wastewater from the Borough of Somerville escapes from its sanitary sewer system as an overflow. Preliminary analysis estimates prepared by SRVSA's engineers indicate that overflows are occurring during these excessive wet weather events upwards of several times each year.

Project Description

This project includes the design and construction of a treatment facility to capture and treat sanitary sewer overflows and safely discharge the treated water into the Raritan River. The proposed Storm Control Treatment Facility (SCTF) will eliminate discharge of raw sewage at its source properly treat the overflows and relieve wet weather flow to the SRVSAs plant in a cost-effective manner. The SCTF will generally consist of coarse and fine screening clarification filtration and disinfection.

Anticipated Recipient:	Rockaway Valley Regional Sewer Authority		
Project No.:	S340821-04	Eligible Project Cost:	$9,782,685
Rank:	172		
County:	Morris	Total State Amount:	$9,782,685

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/25
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
			Population	0.093
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	750.093

Project Name, Number

Rockaway Valley Regional Sewer Authority
S340821-04
Sewage Treatment Plant (STP) - Expansion

Priority List Rank

172

County

Morris

Existing Population

93,000

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 inludes 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 solidsliquid separation treatment facilities.

Anticipated Recipient:	Neptune Township Sewerage Authority		
Project No.:	S340410-05	Eligible Project Cost:	$10,684,529
Rank:	173		
County:	Monmouth	Total State Amount:	$10,684,529

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.034727
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	750.034727

Project Name, Number	Priority List Rank
Neptune Township Sewerage Authority S340410-05 Sewage Treatment Plant (STP) - Improvement/Upgrade	173

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 Authoritys treatment plant has struggled to meet the permit limitatoins 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 Authoritys effluent.

Anticipated Recipient:	Evesham Municipal Utilities Authority		
Project No.:	S340463-05	Eligible Project Cost:	$7,132,162
Rank:	174		
County:	Burlington	Total State Amount:	$7,132,162

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
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
			Population	0.02867
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	750.02867

Project Name, Number

Evesham Municipal Utilities Authority
S340463-05
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

174

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 voilated 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 Flow Effluent Plant (STP) Name (mgd) Reported BOD Reported SS (NJPDES) Design Present mgl mgl 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:	Millville City		
Project No.:	S340921-07	Eligible Project Cost:	$10,491,204
Rank:	175		
County:	Cumberland	Total State Amount:	$10,491,204

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	25
			Population	0.0284
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	750.0284

Project Name, Number	Priority List Rank
Millville City S340921-07 Decentralized Wastewater (or Septic) System Repair/Replacement	175

County

Cumberland

Existing Population

28,400

Service Area

The City of Millville is a community located in the central portion of Cumberland County. The WWTP is the only public owned treatment works within the bounds of the City limits. The City of Millville service area contains all of the area bounded by the official City limits. Of the 44 square miles that make up the City of Millville, approximately 13 square miles are serviced by the wastewater collection system. The collection system consists of approximately 90 miles of sewer mains ranging in size from 8 to 30 inches in diameter and 20 pump stations of varying capacities. The Millville treatment plant is located on an approximate 4 acre portion of Block 546, Lot 36 situated on the eastern side of the Maurice River, approximately 1.3 miles below the New Jersey State Highway Route 49 bridge crossing in the center of this urban area.

Need for Project

Upgrade existing clarifiers - updraft of the sludge blanket due to density currents coupled with poor settling sludge quality Third secondary clarifier - to complete upgrades to the ex. clarifiers, and comply with discharge requirements. RAS Pumps - pumps oversized RAS Piping - mods for addt'l flexibility RAS Chlorination - reduce frothing which causes slippery foam. Walkway from Splitter Box to Aeration Tank - Allow staff to move btwn locations Auto Cleaned Strainer - ex. strainer clogs overnight causing pump failure Rotary Presses - ex. presses produce solids content well below what is desired by disposal outlets. DumpsterVeyor - staff manually distributes sludge in dumpsters. Sludge Process Building - roof leaks, masonry cracked, reduce energy costs Foam Skimmer - frothing in aeration tanks UV Disinfection - old technology and is failing resulting in fecal coliform violations Check valves on Odor Control - air in ductwork reverses from the building to Odor control

Project Description

(Carryover SFY2015) - Upgrade existing clarifiers - install density current baffles seal cracks in launders third secondary clarifier - construct addtl clarifier RAS Pumps - install smaller pumps RAS Piping - Modify ex. RAS piping RAS Chlorination System - Install new sodium hypochlorite system Walkway from Splitter Box to Aeration Tank - construct walkway Auto Cleaned Strainer for Utility Water System - install new strainer Rotary Presses - replace with rotary presses DumpsterVeyor - install track-mounted container Sludge Process Building - new roof repair masonnry consolidate sludge rooms Foam Skimmer - Install surface skimmer system UV Disinfection System - install new UV system and inlet chamber Check Valve on Odor Control System - install new check valve.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Edgewater Municipal Utilities Authority		
Project No.:	S340446-09	Eligible Project Cost:	$2,451,173
Rank:	176		
County:	Bergen	Total State Amount:	$2,451,173

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
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
			Population	0.01
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	750.01

Project Name, Number	Priority List Rank
Edgewater Municipal Utilities Authority S340446-09 Sewage Treatment Plant (STP) - Improvement/Upgrade	176

County

Bergen

Existing Population

10,000

Service Area

Edgewater Borough the majority of Cliffside Park and portions of Fort Lee

Need for Project

The proposed project will serve a dual purpose. The project will improve the overall quality of the Authoritys effluent and also improve the method by which the effluent is discharged into the Hudson River.

Project Description

The proposed project includes installation of an automated filtering system to remove particles 20 microns or larger and an extension of the treatment facilitys outfall pipe further into the Hudson River to provide an adequate mixing zone.

Anticipated Recipient:	Delaware Township Municipal Utilities Authority		
Project No.:	S340917-01	Eligible Project Cost:	$3,866,213
Rank:	177		
County:	Hunterdon	Total State Amount:	$3,866,213

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	150
			State Planning Commission	0
			Population	0.00398
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	750.00398

Project Name, Number | **Priority List Rank**

Delaware Township Municipal Utilities Authority
S340917-01 | 177
Sewage Treatment Plant (STP) - Improvement/Upgrade

County

Hunterdon

Existing Population

3,980

Service Area

Seargentsville (including light business district)

Need for Project

Based on NJPDES Permit (NJ0027561) issued December 30 2005 with an effective date of March 1 2006. Current plant flow 0.045 MGD with Design Flow of 0.065MGD. Project is needed to meet new effluent limits imposed by permit (Deadline for meeting limits - February 2011). In particular new effluent limits for phosphorus (Existing limit - 1.0 mgliter Proposed Limit - 0.5 mgliter) copper (No existing limit - Proposed 14.4 microgramsliter) and bromodichloromethane (No Existing Limit - Proposed 1.1 microgramsliter). Current plant is not capable of meeting proposed limits. Permit limits are currently being adjudicated through the formal appeals process. Settlement discussions with NJDEP are on going with a reasonable expectation for a settlement agreement. Deadline for compliance is likely to be extended beyond February 2011. Sewage Treatment Flow Effluent Plant (STP) Name (mgd) Reported BOD Reported SS (NJPDES) Design Present mgl mgl Delaware Township MUA (Secondary) (NJ0020290) .027 Not Avail-able 93 13 87.3 16.9

Project Description

Upgrade of existing Wastewater Treatment facility to meet new NJPDES permit limits. Project is located in Delaware Township Hunterdon County in the Village of Sergeantsville. The facility currently serves the Village Residences an Elementary & Middle School (K- 8th) and a small commercial center. Stream discharge is to Rose Creek (tributary to Wickecheoke Creek).

Anticipated Recipient:	Delran Township		
Project No.:	S340794-11	Eligible Project Cost:	$2,003,000
Rank:	178		
County:	Burlington	Total State Amount:	$2,003,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500
III. WATER USE/WATER QUALITY POINTS		
A. 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	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	225

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.016896
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	740.016896

Project Name, Number	Priority List Rank
Delran Township S340794-11 Sewage Treatment Plant (STP) - Improvement/Upgrade	178

County

Burlington

Existing Population

16,896

Service Area

Township of Delran

Need for Project

The proposed plant improvements will enhance plant reliability and efficiency. Additionally, the project will reduce maintenance costs and decrease the likelihood of failures.

Project Description

The proposed project will consist of improvements to the Township of Delran's Wastewater Treatment Plant. These include upgrades to the plant service water system including new feed pumps, a service water storage tank, booster pumps and associated piping and electrical work. In addition, the improvements include replacement of existing over sized aeration blowers with new high efficiency turbo blowers and aeration operational controls.

Anticipated Recipient:	Delran Township		
Project No.:	S340794-08	Eligible Project Cost:	$1,874,782
Rank:	178		
County:	Burlington	Total State Amount:	$1,874,782

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500
III. WATER USE/WATER QUALITY POINTS		
A. 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	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	225

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.016896
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	740.016896

Project Name, Number

Delran Township
S340794-08
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

178

County

Burlington

Existing Population

16,896

Service Area

The Township of Delran wastewater system serves all of the Township as well as approximately 10 users in Moorestown Township.

Need for Project

Sand Filter Improvements- The Township's Wastewater Treatment Plant includes an existing traveling bridge sand filter installed in 1994 as part of a plant upgrading. The plant staff has indicated that the existing unit is hydraulically inefficient and its rehabilitation or replacement has been identified as a priority project in the Township Sewer Utility Capital Improvement Program. Retrofitting the existing filter unit with similar technology will be considered as will replacement of the unit with a different technology. This improvement will not increase the capacity of the wastewater treatment plant. Fifth Street Pump Station Improvements- An evaluation of the Fifth Street Pump Station found it to be in need of varying degrees of improvement and it has been identified as a priority project in the Township Sewer Utility Capital Improvement Program. These improvements will not increase the capacity of the pump station.

Project Description

The proposed project will involve the improvements to the sand filter at the Townships existing Wastewater Treatment Plant.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-48	Eligible Project Cost:	$900,410
Rank:	180		
County:	Essex	Total State Amount:	$900,410

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.535586
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.535586

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-48 Equipment Purchase (Clean Water)	180

County

Essex

Existing Population

1,535,586

Service Area

PVSC serves 48 municipalities in portions of Bergen, Essex, Hudson, Passaic and Union Counties.

Need for Project

PVSC owns and operates a 330 MGD wastewater treatment plant, two pump stations and approximately 22 miles of intercepting sewers. The crane is being procured for use in maintaining the operation of the PVSC owned treatment plant and collection system.

Project Description

Crane procurement for use by PVSC to maintain its treatment plant and collection system operations.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-47	Eligible Project Cost:	$94,965,434
Rank:	180		
County:	Essex	Total State Amount:	$94,965,434

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.535586
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.535586

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-47 Sewage Treatment Plant (STP) - Improvement/Upgrade	180

County

Essex

Existing Population

1,535,586

Service Area

PVSC serves 48 municipalities in parts of Bergen, Hudson, Essex, Passaic and Union Counties.

Need for Project

The project is to reconstruct PVSC's preliminary treatment processes to continue to maintain its ability to remove debris and grit from the wastewater flow. It is also one component of the PVSC's treatment plant improvements to increase its ability to treat wet weather flows to reduce CSOs. This project will also raise all equipment to higher elevations, reducing the risk of flood damage.

Project Description

This Headworks Reconstruction Project includes, but is not limited to, construction of a new Grit and Screenings Building, including the reconstruction of the grit sumps, installation of grit pumps, cyclone degritters, screw type classifiers, conveyors, screenings compactors and expansion of the existing bar screens. The project also includes improvements to all electrical, hvac and auxiliary equipment. The improvements also includes a new grit and screenings unloading stations.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-37	Eligible Project Cost:	$107,091,640
Rank:	180		
County:	Essex	Total State Amount:	$107,091,640

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.535586
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.535586

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-37 Sewage Treatment Plant (STP) - Improvement/Upgrade	180

County

Essex

Existing Population

1,535,586

Service Area

PVSC serves 48 municipalities is parts of Bergen, Essex, Hudson, Passaic and Union Counties.

Need for Project

PVSC is making improvements to its Headworks Grit and Screenings Facility which require an electrical upgrade to support. Additonally, the substation has exceeded it useful life and is in need of replacement. The substation is required to maintain operation of the treatment plant.

Project Description

The project includes construction of a new Substation M adjacent to the area occupied by the Grit and Screenings and the Incinerator Buildings at the east end of the grit channels. The project will also include the relocation of PVSC's Emergency Generator, new duct bank and manhole system to augment and replace the existing Substation M power supply and distribution system. To accommodate the new substation the existing access roads will be removed or relocated and new parking areas will also be constructed. This project also includes Headworks Reconstruction (increased scope from 689-47) including construction of a new Grit and Screenings Building, reconstruction of the grit sumps, installation of grit pumps, cyclone degritters, screw type classifiers, conveyors, screenings compactors and expansion of the existing bar screens and improvements to all electrical, HVAC and auxiliary equipment. The improvements also includes a new grit and screenings unloading stations.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-44	Eligible Project Cost:	$852,605
Rank:	183		
County:	Bergen	Total State Amount:	$852,605

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.513259
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.513259

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-44 Sanitary Sewer System Rehabilitation	183

County

Bergen

Existing Population

1,513,259

Service Area

PVSC serves 48 municipalities in portions of Bergen, Hudson, Essex, Passaic and Union counties.

Need for Project

The Wallington Pump Station is an integral part of the PVSC collection and conveyance system to the treatment plant. The pump station requires upgrades to continue reliable operation.

Project Description

The purpose of this project is modernize the Wallington Pump Station so that the pumping station is more reliable, safer and less costly to operate and maintain. This project consists of rehabilitation and improvements to PVSC's Wallington Pump Station, including but not necessarily limited to, mechanical, structural, electrical and security improvements including updates to the pumps, wet well improvements, control system upgrades, building improvements and emergency generator relocation.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-23	Eligible Project Cost:	$149,620,317
Rank:	184		
County:	Essex	Total State Amount:	$149,620,317

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.490904
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.490904

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-23 Sewage Treatment Plant (STP) - Improvement/Upgrade	184

County

Essex

Existing Population

1,490,904

Service Area

PVSC serves 48 municipalities in parts of Bergen, Hudson, Essex, Union and Passaic Counties.

Need for Project

PVSC is constructing a Stand By Power Generating Station to provide continuous operation of the Wastewater Treatment Plant in the event of loss of utility power.

Project Description

In order to mitigate the possibility of the loss of power to the PVSC facility and the prevention of another regional bio solids treatment and disposal crisis, PVSC proposes to build a standby power generating facility to provide power for the entire wastewater treatment plant (WWTP). The standby power plant will enable the PVSC to continue operations during a grid power outage. PVSC would no longer need to rely on the local power utility for sustained operation. This project consists of the construction of a powerhouse building that will include three (3) gas turbines with ancillary support equipment with the capabilities of generating 34 megawatts of electricity.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S345200-01	Eligible Project Cost:	$7,551,288
Rank:	184		
County:	Essex	Total State Amount:	$7,551,288

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.490904
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.490904

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S345200-01 Combined Sewer Overflow (CSO) - Traditional Infrastructure	184

County

Essex

Existing Population

1,490,904

Service Area

PVSC serves 48 municipalities is parts of Bergen, Essex, Hudson, Passaic and Union Counties

Need for Project

Receiving waters of the Passaic, Hackensack, Newark Bay and Hudson Rivers are impacted by Combined Sewer Overflows. This study will design a Long Term Plan for the reduction of CSOs.

Project Description

In accordance with PVSC's NJPDES Permit No. NJ0021016, PVSC, in conjunction with its CSO municipalities, are developing a CSO LTCP.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-39	Eligible Project Cost:	$4,222,000
Rank:	184		
County:	Essex	Total State Amount:	$4,222,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.490904
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.490904

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-39 Sewage Treatment Plant (STP) - Improvement/Upgrade	184

County

Essex

Existing Population

1,490,904

Service Area

PVSC serves 48 municipalities is parts of Bergen, Essex, Hudson, Passaic and Union Counties.

Need for Project

The inner lining of the Heat Treatment Plant Supernatant Return pipe line was in disrepair and removed. The pipeline requires a new lining and/or coating for use within the treatment plant for various purposed including, but not limited to, biological waste activated sludge conveyance and biosolids treatment return liquids conveyance. These processes are required to continue secondary treatment and biosolids treatment operations at the PVSC facility.

Project Description

The Passaic Valley Sewerage Commission utilizes the Zimpro Process to stabilize their sludge. After stabilization, the sludge is sent to Sludge Decant Tanks. The supernatant from the decant tanks is sent to their Oxygenation Tanks and/or the Supernatant Treatment Plant for further treament via a 20-inch pipeline. The pipe was lined with a polyethylene liner that failed. The liner was removed under a separate project. PVSC is now looking to coat the interior of the pipe with a new coating system to extend the life of the pipeline. A pilot study was performed of various coating systems and one was identified as suitable.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S345200-02	Eligible Project Cost:	$2,000,000
Rank:	184		
County:	Essex	Total State Amount:	$2,000,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.490904
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.490904

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S345200-02 Sewage Treatment Plant (STP) - Improvement/Upgrade	184

County

Essex

Existing Population

1,490,904

Service Area

PVSC serves 48 municipalities is parts of Bergen, Essex, Hudson, Passaic and Union Counties.

Need for Project

Proper Operation and Maintenance of infrastructure is an important factor in providing sewage conveyance and treatment processes in compliance with NJPDES permit requirements. The NJDEP has required as part of its CSO Permit requirements that an Asset Management Plan for PVSC's infrastructure be in place by July 1, 2016.

Project Description

The project includes the development of an Asset Management Plan for the PVSC Collection System and Treatment Plant.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-40	Eligible Project Cost:	$122,842,891
Rank:	184		
County:	Essex	Total State Amount:	$122,842,891

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.490904
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.490904

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-40 Sewage Treatment Plant (STP) - Improvement/Upgrade	184

County

Essex

Existing Population

1,490,904

Service Area

PVSC serves 48 municipalities is parts of Bergen, Essex, Hudson, Passaic and Union Counties.

Need for Project

As a result of Superstorm Sandy, PVSC's treatment plant was inundated with salt water. The flooding damage requires the replacement of the electical cabling, switchgears and the replacement and relocation of motor control centers plantwide to maintain treatment plant operations.

Project Description

This project includes the replacement and relocation of electircal switchgear and MCCs throughout the wastewater treatment plant taht were damaged due to flooding from Superstorm Sandy. The work includes, but is not necessarily limited to, furnishing and installing new switchgear, MCCs, electrical panels and other devices, conduit wiring, prefabricated electrical houses, foundations, access platforms, site work and associated work.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-38	Eligible Project Cost:	$18,974,800
Rank:	184		
County:	Essex	Total State Amount:	$18,974,800

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.490904
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.490904

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-38 Sewage Treatment Plant (STP) - New	184

County

Essex

Existing Population

1,490,904

Service Area

PVSC serves 48 municipalities is parts of Bergen, Essex, Hudson, Passaic and Union Counties.

Need for Project

PVSC's final clarifiers are part of its secondary treatment process. In order to maintain secondary treatment operations needs to perform concrete and expansion joint repairs to its twelve (12) final clarifier tanks.

Project Description

This project involves concrete rehabilitation and protective coating of the final clarifiers at the PVSC treatment facility. The concrete surfaces are significantly deteriorated and the concrete rehabilitation and application of a protective coating to cover over 200,000 square feet of walls, concrete columns and miscellaneous areas will allow this significant asset to be utilized well into the future. The work involves surface preaparation, concrete lining and resotration of alll surfaces and epoxy coating of pre-approved and demonstrated products. All expansion and construction joints will be replaced in all twelve (12) final clarifiers. Concrete repairs to walkways and stairs are also included in this project. Influent sluice gates will be installed in each of the twelve (12) final clarifiers as well.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-51	Eligible Project Cost:	$39,087,360
Rank:	190		
County:	Essex	Total State Amount:	$39,087,360

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.465378
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.465378

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-51 Combined Sewer Overflow (CSO) - Traditional Infrastructure	190

County

Essex

Existing Population

1,465,378

Service Area

PVSC serves 48 municipalities in parts of Bergen, Essex, Hudson, Passaic, and Union Counties.

Need for Project

The project will increase the wet weather treatment capacity from the current 400 MGD up to 720 MGD to reduce combined sewer overflow discharge volumes within the PVSC district. Additionally, the rerouting of the sludge train recycle streams will increase treatment plant stability in both wet and dry weather conditions for improved treatment plant performance.

Project Description

This project includes the design and construction of a secondary bypass to increase wet treatment capacity from the current 400 MGD up to 720 MGD for the reduction of CSO discharge volumes. The project includes, but is not limited to, the construction of a primary bypass and the re-routing of the sludge train recycle streams from the secondary processes to the primary clarifiers for improved plant performance during wet and dry weather conditions.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-49	Eligible Project Cost:	$159,857,600
Rank:	191		
County:	Essex	Total State Amount:	$159,857,600

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.409904
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.409904

Project Name, Number | **Priority List Rank**

Passaic Valley Sewerage Commission
S340689-49 | 191
Sewage Treatment Plant (STP) - Improvement/Upgrade

County

Essex

Existing Population

1,409,904

Service Area

PVSC serves 48 municipalities in parts of Bergen, Hudson, Essex, Union and Passaic Counties.

Need for Project

PVSC is constructing Flood Walls along the permiter of the Wastewater Treatment Plant to protect the plant during extreme weather events.

Project Description

This Project consists of three components: 1) construction of a flood wall at its 140+ acre regional wastewater treatment facility located at 600 Wilson Avenue, Newark, New Jersey to mitigate against the future risk of storm damage and consequent risk of service disruption. 2) upgrade the existing storm water drainage system that will consist of a network of pipes throughout the plant ranging in sizes from 12" to 72" in diameter on pile supported foundations. and 3) to mitigate against future storm rain events and remove the water within the new flood wall, three pumping stations will be constructed. The pump stations will be provided on the east (2 No.) and west (1 No.) side of the treatment plant. Each pumping station will consist of pile supported reinforced concrete structures, mechanical pumps and electrical equipment.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-29	Eligible Project Cost:	$60,117,586
Rank:	192		
County:	Essex	Total State Amount:	$60,117,586

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.35
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.35

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-29 Sewage Treatment Plant (STP) - Improvement/Upgrade	192

County

Essex

Existing Population

1,350,000

Service Area

Parts of Bergen Essex Hudson and Passaic Counties

Need for Project

PVSCs treatement plant was severely damaged as a result of Super Storm Sandy. This project is intended to replace damaged motor control centers (MCCs) and to prevent future similar damage the MCCs will be elevated above the 500 year flood elevation where feasible.

Project Description

This project is to replace Motor Control Centers that were damaged from flooding as a result of Super Storm Sandy and to relocated them above the 500 year flood elevation where feasible.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-28	Eligible Project Cost:	$3,340,073
Rank:	192		
County:	Essex	Total State Amount:	$3,340,073

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.35
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.35

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-28 Sewage Treatment Plant (STP) - Improvement/Upgrade	192

County

Essex

Existing Population

1,350,000

Service Area

Parts of Bergen Essex Hudson and Passaic Counties

Need for Project

PVSCs treatment plant buildings equipment and electrical systems were severely damaged due to flooding of its utility tunnels and galleries from Super Storm Sandy. To prevent a future similar event this project will raise the tunnel system sump pump control panels above ground which will be accessible to connect generators in the event of a power outage. In addition bulkheads will be installed to provide the ability to isolate sections of the tunnels and galleries to contain floodwaters.

Project Description

This project includes improvements to the PVSCs sump pump systems to raise the control control panels above ground to prevent possible future flood damage and to allow for generator connections in the event of a power failure to allow for the aiblity to maintain operation of the facilities sump pump systems. The project also includes the installation of bulkheads in areas of the tunnels to provide the ability to isolate sections of the tunnels and galleries.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-33	Eligible Project Cost:	$5,921,310
Rank:	192		
County:	Essex	Total State Amount:	$5,921,310

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.35
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.35

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-33 Sewage Treatment Plant (STP) - Improvement/Upgrade	192

County

Essex

Existing Population

1,350,000

Service Area

PVSC provides wastewater treatment and bio solids management services for 1.4 million residents, over 5,000 commercial entities and 200 significant industrial users within its service area. The PVSC's service area (District) encompasses approximately 155 square miles and includes 48 municipalities in parts of Bergen, Essex, Hudson, Passaic and Union Counties. In addition, PVSC provides bio solids (sludge) management and Liquid Waste Acceptance (“LWA”) services to out-of-District municipal and industrial entities that transport non hazardous liquid wastes to the PVSC Plant by truck or barge. PVSC's hauled wastes also include potable water sludge from New Jersey and New York. In total, PVSC treats nearly 25% of the State of New Jersey's wastewater and/or sludge and approximately 15% of the sludge generated in New York City, which represents a service population of over 3.4 million residents.

Need for Project

Superstorm Sandy caused the PVSC's treatment plant facility to suffer catastrophic physical damages causing a protracted loss of treatment capability. Severe negative regional environmental and economic impacts occurred as a result of the plant's loss of function. Floodwaters entered the Plant's process galleries and utility/infrastructure tunnel system, damaging cabling, process equipment, dewatering pumps, maintenance equipment, mechanical equipment, process transmission piping, electrical equipment, and control equipment. Following the storm, the salt water tidal surge and sewage mixture was trapped in the lower levels of the Plant for more than 10 days before it could be completely pumped out. PVSC is planning on completing the utility tunnel bulkheads in order to limit damage with major equipment and allow continued access to important sections of the tunnel system.

Project Description

The project scope is to furnish all labor materials and equipment and other facilities required to segment the utility tunnel system by the installation of watertight doors in bulkhead walls at various locations within the tunnel and to install watertight doors at access locations to process areas. The scope also includes HVAC work to provide ventilation to the segmented areas and associated electrical and above grade site work.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-25	Eligible Project Cost:	$9,070,281
Rank:	192		
County:	Essex	Total State Amount:	$9,070,281

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.35
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.35

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-25 Decentralized Wastewater (or Septic) System Repair/Replacement	192

County

Essex

Existing Population

1,350,000

Service Area

48 municipalities in portions of Bergen, Essex, Hudson, Passaic and Union Counties.

Need for Project

PVSC's Administration Building was severly damaged due to flooding as a result of Superstorm Sandy. The damage to the administration building included, but is not limited to, all of its communication and business systems. It is necessary to rebuild the Administration Building and it systems in a more resilient manner to ensure continued operation of the treatment plant in future events.

Project Description

(Carryover SFY2015) - Rehabilitation of the PVSC Administration Building due to flooding damage as a result of Superstorm Sandy.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-26	Eligible Project Cost:	$58,205,014
Rank:	192		
County:	Essex	Total State Amount:	$58,205,014

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.35
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.35

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-26 Sewage Treatment Plant (STP) - Improvement/Upgrade	192

County

Essex

Existing Population

1,350,000

Service Area

Parts of Bergen Essex Hudson and Passaic Counties

Need for Project

PVSCs treatment plant buildings equipment and electrical systems were severely damaged from Superstorm Sandy. These projects are to repair damaged facilities and electrical systems.

Project Description

Repairs to PVSCs Administration building and systems plant-wide electrical substations and cabling.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-24	Eligible Project Cost:	$17,986,421
Rank:	192		
County:	Essex	Total State Amount:	$17,986,421

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	25

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.35
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.35

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-24 Sewage Treatment Plant (STP) - Improvement/Upgrade	192

County

Essex

Existing Population

1,350,000

Service Area

Parts of Bergen Essex Hudson and Passaic Counties

Need for Project

PVSCs treatment plant was severely damaged as a result of Superstorm Sandy. The various projects are to repair andor replace the damaged facilities equipment and electrical systems in the most energy efficient and resilient manner.

Project Description

PVSC is undertaking plant wide repairs to its buildings electrical systems and process equipment due to damage that resulted from Superstorm Sandy

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-30	Eligible Project Cost:	$1,733,643
Rank:	192		
County:	Essex	Total State Amount:	$1,733,643

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.35
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.35

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-30 Sewage Treatment Plant (STP) - Improvement/Upgrade	192

County

Essex

Existing Population

1,350,000

Service Area

PVSC provides wastewater treatment and bio solids management services for 1.4 million residents, over 5,000 commercial entities and 200 significant industrial users within its service area. The PVSC's service area (District) encompasses approximately 155 square miles and includes 48 municipalities in parts of Bergen, Essex, Hudson, Passaic and Union Counties. See Table 1-1 included in the Planning Document for more information. In addition, PVSC provides bio solids (sludge) management and Liquid Waste Acceptance ("LWA") services to out-of-District municipal and industrial entities that transport non-hazardous liquid wastes to the PVSC Plant by truck or barge. PVSC's hauled wastes also include potable water sludge from New Jersey and New York. In total, PVSC treats nearly 25% of the State of New Jersey's wastewater and/or sludge and approximately 15% of the sludge generated in New York City, which represents a service population of over 3.4 million residents.

Need for Project

Superstorm Sandy caused the PVSC's treatment plant facility to suffer catastrophic physical damages causing a protracted loss of treatment capability. Severe negative regional environmental and economic impacts occurred as a result of the plant's loss of function. Floodwaters entered the Plant's process galleries and utility/infrastructure tunnel system, damaging cabling, process equipment, dewatering pumps, maintenance equipment, mechanical equipment, process transmission piping, electrical equipment, and control equipment. Following the storm, the salt water tidal surge and sewage mixture was trapped in the lower levels of the Plant for more than 10 days before it could be completely pumped out. PVSC is planning on installing the generator provisions in order to ensure that temporary power can be provided to proposed sump pumps throughout the utility/infrastructure tunnel system, basements and galleries in the event of another catastrophic storms.

Project Description

In order to ensure that the sump pumps and dewatering pumps located throughout the utility tunnels galleries and basements at the PVSC Wastewater Treatment Plant will be capable of continued operation should flooding conditions occur again (as they did with Superstorm Sandy) this project proposes to provide a stand-by power electrical system setup where a roll-in stand-by generator system (brought to certain locations) which can be tied into temporary stand-by power electrical distribution to power sump pumps and de-watering pumps located in tunnels basements and galleries throughout the PVSC facility. The stand-by generator systems equipment (generators automatic transfer switches electrical panel boards controls etc.) will be located above elevation 13 in order to install them above the flood plain. To accomplish this electrical equipment will be located outside of building walls or indoor electrical room at or above elevation 13.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-31	Eligible Project Cost:	$1,780,655
Rank:	192		
County:	Essex	Total State Amount:	$1,780,655

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.35
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.35

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-31 Combined Sewer Overflow (CSO) - Traditional Infrastructure	192

County

Essex

Existing Population

1,350,000

Service Area

48 municipalities in portions of Bergen, Hudson, Essex, Passaic and Union Counties.

Need for Project

9 of PVSC's member municipalities own and operate combined sewer systems (CSS) with combined sewer overflow (CSO) discharges to the area waterways including the Passaic, Hackensack and Hudson Rivers and Newark Bay. This project is one component of PVSC's plant wide improvements to increase its wet weather treatment capacity to reduce the volume of CSO discharges.

Project Description

This project is one component of PVSCs plant wide improvements to increase its wet weather treatment capacity to reduce the volume of CSO discharges. This project will replace PVSCs existing Sodium Hypochlorite Storage and Feed Facility tanks make improvements to the chemical feed system and if necessary the receiving area containment. The improvements are being designed to accommodate the disinfection for increased wet weather flows.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-32	Eligible Project Cost:	$1,804,876
Rank:	192		
County:	Essex	Total State Amount:	$1,804,876

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.35
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.35

Project Name, Number | **Priority List Rank**

Passaic Valley Sewerage Commission
S340689-32 | 192
Combined Sewer Overflow (CSO) - Traditional Infrastructure

County

Essex

Existing Population

1,350,000

Service Area

48 municipalities in parts of Bergen, Hudson, Essex, Passaic and Union Counties.

Need for Project

9 of PVSC's member municipalities own and operate combined sewer systems (CSS) with combined sewer overflow (CSO) discharges to the area waterways including the Passaic, Hackensack and Hudson Rivers and Newark Bay. This project is one component of PVSC's plant wide improvements to increase its wet weather treatment capacity to reduce the volume of CSO discharges.

Project Description

This project is one component of PVSCs plant wide improvements to increase its wet weather treatment capacity to reduce the volume of CSO discharges. This project will install equipment including tanks piping metering pumps for the construction of an intermittent use dechlorination chemical feed system for PVSCs Newark Bay Outfall.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-34	Eligible Project Cost:	$2,844,687
Rank:	192		
County:	Essex	Total State Amount:	$2,844,687

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.35
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.35

Project Name, Number | **Priority List Rank**

Passaic Valley Sewerage Commission
S340689-34 | 192
Combined Sewer Overflow (CSO) - Traditional Infrastructure

County

Essex

Existing Population

1,350,000

Service Area

PVSC serves 48 municipalities in portions of Bergen, Hudson, Essex, Passaic and Union Counties.

Need for Project

9 of the PVSC's 48 municipalities have combined sewer systems (CSS) and combined sewer overflow (CSO) discharges to the area waterways, including the Passaic, Hackensack and Hudson Rivers and the Newark Bay. This project is one component of PVSC's plant wide improvements to increase PVSC's wet weather treatment capacity and reduce the volume of CSO discharges.

Project Description

The Waste Pump Expansion project is one component of PVSCs Plant Wide Improvements to increase its wet weather treatment capacity to reduce the volume of CSO discharges. The project will be purchasing and installing new pumps valves piping flow meters process control sampling and monitoring equipment and providing electrical improvements as necessary to accommodate the new style pumps. Improvements to address hydraulic issues and improve pump operational characteristics are also being included in the project.

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-09	Eligible Project Cost:	$2,718,518
Rank:	202		
County:	Atlantic	Total State Amount:	$2,718,518

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	125
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	125

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.163667
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	725.163667

Project Name, Number

Atlantic County Utilities Authority
S340809-09
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

202

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 CEMDAS 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:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-16	Eligible Project Cost:	$3,753,040
Rank:	203		
County:	Bergen	Total State Amount:	$3,753,040

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	0
			Population	0.075
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	725.075

Project Name, Number

Northwest Bergen County Utilities Authority
S340700-16
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

203

County

Bergen

Existing Population

75,000

Service Area

The Authority's service area includes 11 municipalities including the Borough's of Allendale, Ho-Ho-Kus, Midland Park, Ramsey and Waldwick. Partially served are the municipalities of Mahwah, Wyckoff, Saddle River, Upper Saddle River, Franklin Lakes and Ridgewood.

Need for Project

The Wastewater Treatment Plant Improvements Project mitigates bottlenecks in systems which support the main wastewater treatment processes. An overflow or surcharge in any of these processes has the potential for sludge, grease, ash or other materials to reach the Ho-Ho-Kus Brook, which is located directly downstream from the existing unit processes. In addition, these processes support the primary treatment function of the plant. Bottlenecks in the processes can negatively impact the overall treatment capacity of the plant.

Project Description

The Authority proposes various improvements to its existing treatment processes at its Sewage Treatment Plant. Proposed improvements include the separation of the primary sludge and waste activated sludge (WAS) streams and installation of a disk thickener to treat the WAS. Installation of an automated system to remove the grease in the grease/scum pit, installation of larger pumps, piping and associated force main in the existing dewatering well, and construction of a new mechanical drying equipment for the existing ash tank.

Anticipated Recipient:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-13	Eligible Project Cost:	$5,177,348
Rank:	203		
County:	Bergen	Total State Amount:	$5,177,348

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	0
			Population	0.075
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	725.075

Project Name, Number | **Priority List Rank**

Northwest Bergen County Utilities Authority
S340700-13 | 203
Sewage Treatment Plant (STP) - Improvement/Upgrade

County

Bergen

Existing Population

75,000

Service Area

The Authority's service area includes 11 municipalities including the Borough's of Allendale, Ho-Ho-Kus, Midland Park, Ramsey and Waldwick. Partially served are the municipalities of Mahwah, Wyckoff, Saddle River, Upper Saddle River, Franklin Lakes and Ridgewood.

Need for Project

Proposed improvements and upgrades to the Authority's waste activated sludge and aeration system are proposed to replace inefficient and high-energy consuming equipment in order to improve the plant's solids handling train which is integral to the Authority's overall treatment process and quality of its effluent that discharges into the Ho-Ho-Kus Brook.

Project Description

The Authority is proposing various improvements to its waste activated sludge and aeration systems including replacement of 2 existing aeration blowers with a new energy-efficient units, installation of all necessary PLCs and modification to existing MCCs, repair of the existing air distribution piping in the aeration tanks, demolition of four waste activated sludge (WAS) pumps and installation of six new WAS pumps (including one standby), and replacement of all associated piping.

Anticipated Recipient:	East Windsor Municipal Utilities Authority		
Project No.:	S340536-08	Eligible Project Cost:	$12,293,391
Rank:	205		
County:	Mercer	Total State Amount:	$12,293,391

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	550

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	0
			Population	0.023401
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	725.023401

Project Name, Number	Priority List Rank
East Windsor Municipal Utilities Authority S340536-08 Sewage Treatment Plant (STP) - Improvement/Upgrade	205

County

Mercer

Existing Population

23,401

Service Area

East Windsor

Need for Project

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

Project Description

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

Anticipated Recipient:	Pennsville Sewerage Authority		
Project No.:	S340870-02	Eligible Project Cost:	$7,211,095
Rank:	206		
County:	Salem	Total State Amount:	$7,211,095

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	25
			Subtotal	175
			State Planning Commission	0
			Population	0.015
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	725.015

Project Name, Number	Priority List Rank
Pennsville Sewerage Authority S340870-02 Sewage Treatment Plant (STP) - Improvement/Upgrade	206

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 Pennsvilles 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:	Harrison Township		
Project No.:	S340362-05	Eligible Project Cost:	$1,114,504
Rank:	207		
County:	Gloucester	Total State Amount:	$1,114,504

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	550

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	0
			Population	0.008788
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	725.008788

Project Name, Number	Priority List Rank
Harrison Township S340362-05 Sewage Treatment Plant (STP) - Improvement/Upgrade	207

County

Gloucester

Existing Population

8,788

Service Area

Harrison Township

Need for Project

Installation of solar panels will make Harrisons treatment facility more energy efficient. A new storage facility will protect equipment and vehicles from the elements and extend their useful life.

Project Description

The proposed project includes installation of solar panels and a new storage facility at the treatment plant.

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340526-06	Eligible Project Cost:	$2,294,564
Rank:	208		
County:	Gloucester	Total State Amount:	$2,294,564

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	25
			Subtotal	175
			State Planning Commission	0
			Population	0.00531
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	725.00531

Project Name, Number | **Priority List Rank**

Gloucester County Utilities Authority
S340526-06 | 208
Sewage Treatment Plant (STP) - Improvement/Upgrade

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 Flow Effluent Plant (STP) Name (mgd) Reported BOD Reported SS (NJPDES) Design Present mgl mgl 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:	Beach Haven Borough		
Project No.:	S344220-01	Eligible Project Cost:	$2,038,640
Rank:	209		
County:	Ocean	Total State Amount:	$2,038,640

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	200
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00117
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	725.00117

Project Name, Number

Beach Haven Borough
S344220-01
Stormwater Management - Gray Infrastructure

Priority List Rank

209

County

Ocean

Existing Population

1,170

Service Area

The project will directly impact the drainage area between 10th Street and 7th Street east of Bay Avenue to the Bayfront. Additionally, this area is the main business district of the municipality and the continued instances of flooding are negatively affecting local commerce and tourism to the area.

Need for Project

At the present time, rain and flood waters from the Bay are deposited on the local streets where pollutants contaminate the water prior to it being drained back to the Manahawkin May. As part of the proposed project herein, two (2) manufactured treatment devices (MTD) will be installed. MTD's are proprietary stormwater treatment systems used to address the stormwater quality impacts of land development. Since this project is receiving New Jersey Environmental Infrastructure Financing Program (NJEIFP) funding, the MTD's will either be NJCAT verified and NJDEP certified or installed using the NJEIFP MTD Funding Policy.

Project Description

Applicant proposes to remove existing storm pipe and replace with approximately 4000 LF of new 18" HDPE pipe as well as install two (2) stormwater pumps at 7th Street and 10th Street along with two (2) manufactured treatment devices and inline tide valves.

Anticipated Recipient:	Phillipsburg Town		
Project No.:	S340874-09	Eligible Project Cost:	$3,123,000
Rank:	210		
County:	Warren	Total State Amount:	$3,123,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.01495
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	715.01495

Project Name, Number	Priority List Rank
Phillipsburg Town S340874-09 Sewage Treatment Plant (STP) - Improvement/Upgrade	210

County

Warren

Existing Population

14,950

Service Area

The service area for the project includes Phillipsburg and the four outlying districts - Greenwich Township, Pohatcong Township, Lopatcong Township and Alpha Borough

Need for Project

N/A

Project Description

The Town of Phillipsburg is proposing to upgrade their regional wastewater treatment plant in an effort to improve energy efficiency and to improve air quality by treating odors being emitted by the sludge processing component of the treatment plant process

Anticipated Recipient:	Logan Township Municipal Utilities Authority		
Project No.:	S340123-02	Eligible Project Cost:	$9,948,000
Rank:	211		
County:	Gloucester	Total State Amount:	$9,948,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	25
	Subtotal	200

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.2256
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	700.2256

Project Name, Number	Priority List Rank
Logan Township Municipal Utilities Authority S340123-02 Sewage Treatment Plant (STP) - Improvement/Upgrade	211

County

Gloucester

Existing Population

225,600

Service Area

The service area includes Logan Township and a portion of Woolwich Township, consistent with the Gloucester County Wastewater Management Plan.

Need for Project

Replacement and improvement of aging infrastructure is required to enable reliable performance and water quality protection into the future

Project Description

This project will replace and improve critical aging infrastructure to ensure reliable performance and water quality protection into the future, The specific components of the LTMUA system that will be improved include the plant headworks system, effluent pumping system, effluent force main, Pumping Station No. 12 and the entrance road to the plant. This project does not include a capaciyt expansion of the plant.

Anticipated Recipient:	Gloucester City		
Project No.:	S340958-08	Eligible Project Cost:	$1,784,806
Rank:	212		
County:	Camden	Total State Amount:	$1,784,806

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.011456
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	665.011456

Project Name, Number	Priority List Rank
Gloucester City S340958-08 Combined Sewer Overflow (CSO) - Traditional Infrastructure	212

County

Camden

Existing Population

11,456

Service Area

Brown Street and Paul Street in Gloucester City, Camden County

Need for Project

Need to replace failing combined sewer mains

Project Description

Gloucester City intends on removing and replacing existing combined sewer mains on Brown Street and Paul Street

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-21	Eligible Project Cost:	$1,920,000
Rank:	213		
County:	Bergen	Total State Amount:	$1,920,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.563365
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.563365

Project Name, Number | **Priority List Rank**

Bergen County Utilities Authority
S340386-21 | 213
Sewage Treatment Plant (STP) - Improvement/Upgrade

County

Bergen

Existing Population

563,365

Service Area

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

Need for Project

The BCUA has 16 FSTs that at or approaching end of its useful life. Various improvements are needed to maintain effluent criteria.

Project Description

Rehabilitation of Final Settling Tanks at the Little Ferry WPCF that includes sluice gates, effluent weir plates, troughs, scum skimmers and various other tank improvements.

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-24	Eligible Project Cost:	$1,950,000
Rank:	213		
County:	Bergen	Total State Amount:	$1,950,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	0
			Population	0.563365
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.563365

Project Name, Number

Bergen County Utilities Authority
S340386-24
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

213

County

Bergen

Existing Population

563,365

Service Area

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

Need for Project

The BCUA has completed a study of the aeration tank headers and identified some of them to be inoperable. They are in need of repair and/or replacement to get them fully functional.

Project Description

The Little Ferry WPCF aeration tank headers need to be replaced.

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-23	Eligible Project Cost:	$17,820,000
Rank:	213		
County:	Bergen	Total State Amount:	$17,820,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	0
			Population	0.563365
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.563365

Project Name, Number

Bergen County Utilities Authority
S340386-23
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

213

County

Bergen

Existing Population

563,365

Service Area

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

Need for Project

Several improvements were identified from an evaluation to increase the volatile solids reduction, reduce sludge volume, and maximize biogas production. The recommended improvements to be implemented are adding 3 sludge pre-heating heat exchangers, each rated at 3.0 MBtu/hr, including adding a 1,800 gpm sludge recirculation pump, with grinder and VFDs; replacing 4 external heat exchangers and one internal heat piping system with 5 new external heat exchangers, replacing existing mixers with new mixers, cleaning 5 tanks, conducting structural inspection, replacing 4 digester centrifugal sludge recirculation pumps with positive displacement sludge pumps with; adding 1 positive displacement sludge transfer pump adding two 400 scfm variable speed gas compressor system with cooling to convey biogas to Cogen Engines; providing new natural gas feed line to the existing CoGen engines and various other improvements.

Project Description

The sludge digester improvements are located within the Little Ferry Water Pollution Control Facilities, located at Little Ferry, NJ.

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-22	Eligible Project Cost:	$5,690,000
Rank:	213		
County:	Bergen	Total State Amount:	$5,690,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.563365
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.563365

Project Name, Number

Bergen County Utilities Authority
S340386-22
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

213

County

Bergen

Existing Population

563,365

Service Area

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

Need for Project

The BCUA intends to conduct a plant-wide facility assessment of the Little Ferry Water Pollution Control Facility (WPCF) and offsite pump stations to identify capital needs of antiquated equipment and/or process improvements. The assessment will be used to plan capital financing with emphasis to repair/replace critical assets. The prelininary findings indicate capital improvements to the components of the aeration tanks, bar screen, and Harrington Park Actuators .

Project Description

Conduct a plant-wide facility assessment of the Little Ferry Water Pollution Control Facility and offsite pump stations and identify areas in need of improvements.

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-20	Eligible Project Cost:	$9,000,000
Rank:	213		
County:	Bergen	Total State Amount:	$9,000,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.563365
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.563365

Project Name, Number

Bergen County Utilities Authority
S340386-20
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

213

County

Bergen

Existing Population

563,365

Service Area

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

Need for Project

The primary settling tanks and pipe galleries have developed cracks most likely due to settlement. BCUA will conducting an assessment to determine the cause of the cracks and develop a permanent solution. Due to the settlements, it may be necessary to underpin the entire tank.

Project Description

This project includes improvements to Primary Settling Tanks and associated Pipe Galleries at the Little Ferry Water Pollution Control Facilities.

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-19	Eligible Project Cost:	$3,240,000
Rank:	213		
County:	Bergen	Total State Amount:	$3,240,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.563365
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.563365

Project Name, Number	Priority List Rank
Bergen County Utilities Authority S340386-19 Sewage Treatment Plant (STP) - Improvement/Upgrade	213

County

Bergen

Existing Population

563,365

Service Area

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

Need for Project

To maintain continuous pumping stations and Plant operations during extreme weather events, improvements to the building roofs, windows , and access roads are needed to protect critical assets. Some of the critical assets are located at offsite pump stations, switchgear building, screening buildings, and other buildings with critical assets as well as Sludge Holding tanks access road.

Project Description

With extreme weather events over recent years, infrastructure protecting critical asset has deteriorated and needs improving.

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-18	Eligible Project Cost:	$2,491,339
Rank:	219		
County:	Bergen	Total State Amount:	$2,491,339

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.49114
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.49114

Project Name, Number	Priority List Rank
Bergen County Utilities Authority S340386-18 Sanitary Sewer System Rehabilitation	219

County

Bergen

Existing Population

491,140

Service Area

The BCUA's Service Area consists of 47 municipalities and a portion of five non-member municipalities. The thirty-eight municipalities entirely served by the BCUA WWTP include Bergenfield, Bogota, Carlstadt, Closter, Demarest, Dumont, Emerson, Edgewater, Englewood, Englewood Cliffs, Fairview, Harrington Park, Haworth, Hillsdale, Leonia, Little Ferry, Maywood, Montvale, Moonachie, New Milford, Northvale, Norwood, Old Tappan, Oradell, Palisades Park, Paramus, Park Ridge, Ridgefield, Ridgefield Park, River Edge, River Vale, Rochelle Park, Teaneck, Tenafly, Teterboro, Westwood, Woodcliff Lake and Wood-Ridge. The eight municipalities partially served by the BCUA WWTP include Cliffside Park, East Rutherford, Fort Lee, Hackensack, Hasbrouck Heights, Rutherford, South Hackensack and Washington Township. The five nonmember municipalities partially served by the BCUA WWTP include Alpine, Lodi, Lyndhurst, North Bergen, and Ridgewood. Portions of Cliffside Park, Fort Lee, Hackensack, Ridgefield

Need for Project

The proposed project includes raising metering chambers above the design flood elevation (DFE) or making them submersible. Electrical and instrumentation assets that can be relocated above the DFE will be replaced and raised at SB No.'s 1 & 2. To make the stations more resilient, the project also includes Dry Flood Proofing of walls, installation of flood resistant doors or barricades for the entrance and garage doors and the installation of a flood wall along the exterior of the SB's.

Project Description

The proposed project includes raising metering chambers above the design flood elevation (DFE) or making them submersible. Electrical and instrumentation assets that can be relocated above the DFE will be replaced and raised at SB No.s 1 & 2. To make the stations more resilient the project also includes Dry Flood Proofing of walls installation of flood resistant doors or barricades for the entrance and garage doors and the installation of a flood wall along the exterior of the SBs.

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-16	Eligible Project Cost:	$19,537,263
Rank:	219		
County:	Bergen	Total State Amount:	$19,537,263

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.49114
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.49114

Project Name, Number

Bergen County Utilities Authority
S340386-16
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

219

County

Bergen

Existing Population

491,140

Service Area

The BCUA's Service Area consists of 47 municipalities and a portion of five non-member municipalities. The thirty-eight municipalities entirely served by the BCUA WWTP include Bergenfield, Bogota, Carlstadt, Closter, Demarest, Dumont, Emerson, Edgewater, Englewood, Englewood Cliffs, Fairview, Harrington Park, Haworth, Hillsdale, Leonia, Little Ferry, Maywood, Montvale, Moonachie, New Milford, Northvale, Norwood, Old Tappan, Oradell, Palisades Park, Paramus, Park Ridge, Ridgefield, Ridgefield Park, River Edge, River Vale, Rochelle Park, Teaneck, Tenafly, Teterboro, Westwood, Woodcliff Lake and Wood-Ridge. The eight municipalities partially served by the BCUA WWTP include Cliffside Park, East Rutherford, Fort Lee, Hackensack, Hasbrouck Heights, Rutherford, South Hackensack and Washington Township. The five nonmember municipalities partially served by the BCUA WWTP include Alpine, Lodi, Lyndhurst, North Bergen, and Ridgewood. Portions of Cliffside Park, Fort Lee, Hackensack, Ridgefield

Need for Project

The proposed project includes dry flood proofing wall apertures that are considered potential sources of water infiltration, where appropriate, raising of grating wall height and air intakes, and installation of flood resistant doors or barricades at entrances. Installation of flood walls along the exterior of buildings and installation of submarine doors are also proposed. Holes and the inside of conduits, as well as the conduit or pipe penetration, through walls, ceilings, and floors, as appropriate, will be sealed. Attempts will also be made to seal any significant cracks that are identified. Electrical assets and instrumentation will be raised above the design flood elevation (DFE). Assets that cannot be raised will be replaced with submersible units or placed in NEMA 6 enclosures. For Grit Building No. 2 new electrical and instrumentation assets will be installed in NEMA 4X enclosures above the DFE. Wiring and conduit will be replaced with materials rated for wet locations.

Project Description

The proposed project includes various repairs at the Little Ferry Water Pollution Control Facility due to damage from Superstorm Sandy. The scope includes repairs to equipment in the following areas Main Pump Station Substations Conveyance Disinfection Primary Sludge Removal Blowers Grit Removal Secondary Sludge Pumping Stations Sludge Processing Control Building Administrative Building Operations and Support Security entrance and Pump Station.

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-15	Eligible Project Cost:	$42,094,280
Rank:	219		
County:	Bergen	Total State Amount:	$42,094,280

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.49114
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.49114

Project Name, Number

Bergen County Utilities Authority
S340386-15
Energy Efficiency / Renewable Energy

Priority List Rank

219

County

Bergen

Existing Population

491,140

Service Area

The BCUA's Service Area consists of 47 municipalities and a portion of five non-member municipalities. The thirty-eight municipalities entirely served by the BCUA WWTP include Bergenfield, Bogota, Carlstadt, Closter, Demarest, Dumont, Emerson, Edgewater, Englewood, Englewood Cliffs, Fairview, Harrington Park, Haworth, Hillsdale, Leonia, Little Ferry, Maywood, Montvale, Moonachie, New Milford, Northvale, Norwood, Old Tappan, Oradell, Palisades Park, Paramus, Park Ridge, Ridgefield, Ridgefield Park, River Edge, River Vale, Rochelle Park, Teaneck, Tenafly, Teterboro, Westwood, Woodcliff Lake and Wood-Ridge. The eight municipalities partially served by the BCUA WWTP include Cliffside Park, East Rutherford, Fort Lee, Hackensack, Hasbrouck Heights, Rutherford, South Hackensack and Washington Township. The five nonmember municipalities partially served by the BCUA WWTP include Alpine, Lodi, Lyndhurst, North Bergen, and Ridgewood. Portions of Cliffside Park, Fort Lee, Hackensack, Ridgefield

Need for Project

This project protects high value power supply assets and protects the plant power supply using a Biogas Powered Electric Microgrid (BPEMG). Power supply assets include the Switchgear (SG) Building, Vault, the CoGen Building, and the Main Substation. The project includes expansion of the CoGen facility; installation of a digester gas storage tank; modification of the blowers and aeration control system to increase energy efficiency and improve process control, and installation of a fats, oil and grease receiving and handling station to augment digester gas production.

Project Description

This project protects high value power supply assets and protects the plant power supply using a Biogas Powered Electric Microgrid (BPEMG). Power supply assets include the Switchgear (SG) Building Vault the CoGen Building and the Main Substation. The project includes expansion of the CoGen facility installation of a digester gas storage tank modification of the blowers and aeration control system to increase energy efficiency and improve process control and installation of a fats oil and grease receiving and handling station to augment digester gas production.

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-14	Eligible Project Cost:	$54,172,587
Rank:	219		
County:	Bergen	Total State Amount:	$54,172,587

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.49114
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.49114

Project Name, Number

Bergen County Utilities Authority
S340386-14
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

219

County

Bergen

Existing Population

491,140

Service Area

The BCUA's Service Area consists of 47 municipalities and a portion of five non-member municipalities. The thirty-eight municipalities entirely served by the BCUA WWTP include Bergenfield, Bogota, Carlstadt, Closter, Demarest, Dumont, Emerson, Edgewater, Englewood, Englewood Cliffs, Fairview, Harrington Park, Haworth, Hillsdale, Leonia, Little Ferry, Maywood, Montvale, Moonachie, New Milford, Northvale, Norwood, Old Tappan, Oradell, Palisades Park, Paramus, Park Ridge, Ridgefield, Ridgefield Park, River Edge, River Vale, Rochelle Park, Teaneck, Tenafly, Teterboro, Westwood, Woodcliff Lake and Wood-Ridge. The eight municipalities partially served by the BCUA WWTP include Cliffside Park, East Rutherford, Fort Lee, Hackensack, Hasbrouck Heights, Rutherford, South Hackensack and Washington Township. The five nonmember municipalities partially served by the BCUA WWTP include Alpine, Lodi, Lyndhurst, North Bergen, and Ridgewood. Portions of Cliffside Park, Fort Lee, Hackensack, Ridgefield

Need for Project

The proposed project includes various repairs at the Little Ferry Water Pollution Control Facility due to damage from Superstorm Sandy. The scope includes repairs to equipment in the following areas: Main Pump Station, Substations, Conveyance, Disinfection, Primary Sludge Removal, Blowers, Grit Removal, Secondary Sludge Pumping Stations, Sludge Processing, Control Building, Administrative Building, Operations and Support, Security entrance and Pump Station.

Project Description

The proposed project includes dry flood proofing wall apertures that are considered potential sources of water infiltration where appropriate raising of grating wall height and air intakes and installation of flood resistant doors or barricades at entrances. Installation of flood walls along the exterior of buildings and installation of submarine doors are also proposed. Holes and the inside of conduits as well as the conduit or pipe penetration through walls ceilings and floors as appropriate will be sealed. Attempts will also be made to seal any significant cracks that are identified. Electrical assets and instrumentation will be raised above the design flood elevation (DFE). Assets that cannot be raised will be replaced with submersible units or placed in NEMA 6 enclosures. For Grit Building No. 2 new electrical and instrumentation assets will be installed in NEMA 4X enclosures above the DFE. Wiring and conduit will be replaced with materials rated for wet locations.

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-09	Eligible Project Cost:	$31,783,125
Rank:	219		
County:	Bergen	Total State Amount:	$31,783,125

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	0
			Population	0.49114
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.49114

Project Name, Number

Bergen County Utilities Authority
S340386-09
Combined Sewer Overflow (CSO) - Traditional Infrastructure

Priority List Rank

219

County

Bergen

Existing Population

491,140

Service Area

The BCUA's Service Area consists of 47 municipalities and a portion of five non-member municipalities. The thirty-eight municipalities entirely served by the BCUA WWTP include Bergenfield, Bogota, Carlstadt, Closter, Demarest, Dumont, Emerson, Edgewater, Englewood, Englewood Cliffs, Fairview, Harrington Park, Haworth, Hillsdale, Leonia, Little Ferry, Maywood, Montvale, Moonachie, New Milford, Northvale, Norwood, Old Tappan, Oradell, Palisades Park, Paramus, Park Ridge, Ridgefield, Ridgefield Park, River Edge, River Vale, Rochelle Park, Teaneck, Tenafly, Teterboro, Westwood, Woodcliff Lake and Wood-Ridge. The eight municipalities partially served by the BCUA WWTP include Cliffside Park, East Rutherford, Fort Lee, Hackensack, Hasbrouck Heights, Rutherford, South Hackensack and Washington Township. The five nonmember municipalities partially served by the BCUA WWTP include Alpine, Lodi, Lyndhurst, North Bergen, and Ridgewood. Portions of Cliffside Park, Fort Lee, Hackensack, Ridgefield

Need for Project

During significant rainfall events, the BCUA and its 47 member municipalities experience high flows in sanitary sewers and Water Pollution Control Facility (WPCF) mainly due to rain-induced infiltration/inflow (RII/I) from municipal sanitary sewers and private building sewer connections (PBSC). This excessive RII/I has caused sanitary sewer overflows (SSO) which is a public health and safety concern. In order for the BCUA to provide capacity for its member municipalities and to reduce RII/I and eliminate SSOs, the BCUA has undertaken this project to remediate the problem.

Project Description

The project will include cleaning of approximately 200000 lf of 8 to 24 inch diameter sewer video inspection during significant rain events of approximately 150000 lf of 8 to 24 inch diameter sewer. Based on the results the BCUA will implement a Fix It remedy that will include the following sealing of sanitary sewer joints in pipe ranging in size from 8-inch to 24-inch diameter grouting of manhole leaks rehabilitation by partial or complete cured-in-place-pipe (CIPP) lining of sewers ranging in size from 8-inch to 24-inch diameter rehabilitation by CIPP lining of 4 to 6 inch PBSCs repair by partial or complete excavation and replacement of 8-inch to 24-inch diameter sewers repair of pipe defects by excavation and installation of repair clamps for 8-inch to 24-inch diameter sewers replacement of defective branch connections by excavation and replacement repair of 4-inch to 6-inch defective PBSCs by excavation and replacement replacement of severely damaged and leaking manholes installation of rain barrels where roof leaders are connected to the sanitary sewer system installation of splash pads where roof leaders are disconnected redirection of sump pumps that are currently discharging into the sanitary sewer system disconnection and redirection to the storm sewer system of prohibited roof leaders and foundation drains which are currently discharging into sanitary sewers and installation of 6-inch to 8-inch clear water systems to collect sump pump clear water flow which currently discharge into sanitary sewers where there is no storm sewer system.

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-12	Eligible Project Cost:	$13,000,360
Rank:	219		
County:	Bergen	Total State Amount:	$13,000,360

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	0
			Population	0.49114
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.49114

Project Name, Number	Priority List Rank
Bergen County Utilities Authority S340386-12 Sewage Treatment Plant (STP) - Improvement/Upgrade	219

County

Bergen

Existing Population

491,140

Service Area

The BCUAs

Need for Project

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

Project Description

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

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-11	Eligible Project Cost:	$15,439,092
Rank:	219		
County:	Bergen	Total State Amount:	$15,439,092

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	0
			Population	0.49114
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.49114

Project Name, Number

Bergen County Utilities Authority
S340386-11
Sludge Treatment/Disposal Facilities

Priority List Rank

219

County

Bergen

Existing Population

491,140

Service Area

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

Need for Project

Based on findings from an evaluation of the existing five anaerobic sludge digesters performed by Alaimo Group, several improvements were identified to increase the volatile solids reduction, reduce sludge volume, and maximize biogas production which serves as the fuel source for the aeration blowers, cogeneration engines, and hot water boilers. The recommended improvements consist of adding new sludge preheating heat exchangers, new digester membrane gas storage units, digester gas compressors, hot water pump, temperature monitoring equipment, and flow meters as well as replacing existing digester sludge recirculation pumps.

Project Description

(Carryover SFY2015) - The proposed project includes various improvements at the Little Ferry Water Pollution Control Facility. The improvements include a new centralized polymer building a new clarified effluent water sysytem sludge digester system improvements and second phase security improvements. The project also includes construction of two biogas storage tanks including gas bag steel tank foundation piles valve vault site work instrumentation and electrical work.

Anticipated Recipient:	Linden Roselle Sewer Authority		
Project No.:	S340299-09	Eligible Project Cost:	$1,978,605
Rank:	226		
County:	Union	Total State Amount:	$1,978,605

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	0
			Population	0.063976
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.063976

Project Name, Number	Priority List Rank
Linden Roselle Sewer Authority S340299-09 Sewage Treatment Plant (STP) - Improvement/Upgrade	226

County

Union

Existing Population

63,976

Service Area

The service area for the Linden Roselle Sewerage Authority encompasses the Borough of Roselle and the City of Linden, both municipalities located within Union County.

Need for Project

The proposed improvements are necessary to maintain the existing buildings that house the Authority's personnel and treatment process. Further deterioration may result in potential safety hazards to personnel and/or disruptions to service if the treatment processes housed in the various buildings selected for improvement are impacted as a result of the ongoing building deterioration.

Project Description

Linden Roselle Sewerage Authority proposes various structural repairs to the facade and roofing of various existing buildings within its sewage treatment facility that house both personnel and various treatment processes. The proposed repair and rehabilitation work includes removal and replacement of existing roofing material, and re-pointing and replacement of the brick facade. Other improvements include installation of a new high pressure water effluent piping and yard hydrants and miscellaneous roadway and site improvements.

Anticipated Recipient:	Linden Roselle Sewer Authority		
Project No.:	S340299-08	Eligible Project Cost:	$16,800,000
Rank:	227		
County:	Union	Total State Amount:	$16,800,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	0
			Population	0.061584
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.061584

Project Name, Number

Linden Roselle Sewer Authority
S340299-08
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

227

County

Union

Existing Population

61,584

Service Area

City of Linden 40,499 Borough of Roselle 21,085

Need for Project

These capital improvements are necessary to replace and/or elevate aging equipment and infrastructure for the continued uninterrupted operation of the Linden Roselle Sewerage Authoritys (LRSA) wastewater treatment plant. Interruptions to wastewater treatment plant operations, such as due to equipment malfunction, flooding or power outages, could potentially result in discharge of partially- or un-treated wastewater that would negatively impact surface water quality. These capital improvements will help to minimize such treatment plant interruptions and aide in treatment plant operations that will be beneficial to maintaining water quality of the surrounding water bodies, including the Arthur Kill.

Project Description

Five separate projects: Flood Hardening Raising/ replacing transformers, flood protection measures around electrical switchgear, generators and equipment, adding flood doors at several facilities, wrapping buildings with dry flood-proofing, relocating electrical conduits. Gravity Thickener Upgrade Replace sludge collection mechanism in the gravity thickener and replace the cover over the thickener. Screening Conveyance Provide automated screenings conveyors at Screen House to convey to grade, the screenings removed from the WW process eliminating the manual handling of the screenings containers. UV Disinfection Facility Upgrade UV disinfection facility upgrade and elevate outside the flood elevation; relocate existing electrical motor control center from basement to above the flood elevation. Electrical Switchgear/ Automatic Transfer Switch Replace electrical switchgear; provide automatic transfer switch to switch the facilities to emergency power during power outages.

Anticipated Recipient:	Gloucester City		
Project No.:	S345090-01	Eligible Project Cost:	$0
Rank:	228		
County:	Camden	Total State Amount:	$0

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0114
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.0114

Project Name, Number	Priority List Rank
Gloucester City S345090-01 Combined Sewer Overflow (CSO) - Traditional Infrastructure	228

County

Camden

Existing Population

11,400

Service Area

Gloucester City

Need for Project

CSO asset management plan as required by NJPDES Permit

Project Description

Development of Asset Management Plan for Gloucester City CSO sewer system assets

Anticipated Recipient:	Lambertville Municipal Utilities Authority		
Project No.:	S340882-09	Eligible Project Cost:	$711,320
Rank:	229		
County:	Hunterdon	Total State Amount:	$711,320

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

A. 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	0/25
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
			Population	0.004906
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.004906

Project Name, Number	Priority List Rank
Lambertville Municipal Utilities Authority S340882-09 Sewage Treatment Plant (STP) - Improvement/Upgrade	229

County

Hunterdon

Existing Population

4,906

Service Area

The Lambertville Municipal Utilities Authority (LMUA) Wastewater Management Plan (WMP) Planning Area includes portions of the following Hunterdon County municipalities: City of Lambertville Borough of Stockton Pursuant to an Agreement dated July 19, 1965 (amended August 4, 1980 and January 5, 1982, and July 6, 1995), the LMUA also provides service to the BCW&SA which is wholly contained in the State of Pennsylvania.

Need for Project

Water quality will be improved as a result of this project because potential wastewater discharges will be minimized or eliminated through the replacement and rehabilitation of wastewater treatment plant (WWTP) equipment and infrastructure that has reached the end of its useful life. In addition, WWTP service interruptions will be minimized and WWTP operations will be optimized.

Project Description

Roof replacements, purchase of replacement clarifier mechanisms, rehabilitation of chemical building, repavement of plant area and access road, and repair of drain lines in control building and BFP building

Anticipated Recipient:	Mansfield Township		
Project No.:	S340935-01	Eligible Project Cost:	$1,396,910
Rank:	230		
County:	Warren	Total State Amount:	$1,396,910

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	50
			State Planning Commission	0
			Population	0.001
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.001

Project Name, Number

Mansfield Township
S340935-01
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

230

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 Flow Effluent Plant (STP) Name (mgd) Reported BOD Reported SS (NJPDES) Design Present mgl mgl 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:	Raritan Township Municipal Utilities Authority		
Project No.:	S340485-05	Eligible Project Cost:	$311,009
Rank:	231		
County:	Hunterdon	Total State Amount:	$311,009

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	15
			Population	0.0225
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	640.0225

Project Name, Number	Priority List Rank
Raritan Township Municipal Utilities Authority S340485-05 Sewage Treatment Plant (STP) - Improvement/Upgrade	231

County

Hunterdon

Existing Population

22,500

Service Area

Flemington Boro partial Raritan Township including Hunterdon Central High School

Need for Project

This project will improve sampling during facility discharge events improve operations and maintenance of the facility and improve site safety and security.

Project Description

The proposed project includes demolish existing delapidated building and construction of a new 24 x 40 single story operations building.

Anticipated Recipient:	Cinnaminson Sewerage Authority		
Project No.:	S340170-07	Eligible Project Cost:	$5,356,597
Rank:	232		
County:	Burlington	Total State Amount:	$5,356,597

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	15
			Population	0.014595
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	640.014595

Project Name, Number

Cinnaminson Sewerage Authority
S340170-07
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

232

County

Burlington

Existing Population

14,595

Service Area

Cinnaminson Township

Need for Project

The plant operators have struggled recently to meet the requirements of the NJPDES permit. The improvements will provide increased capability for the operators to make process adjustments in response to changes in the influent wastewater flow and loadings. Replacement of the 50 year old sludge handling equipment will free up manpower for other tasks that improve effluent quality and allow for the disposal of all the biosolids from the plant at the Burlington County Co-Composting facility.

Project Description

Replace the existing surface aerators with a diffused aeration system and dissolve oxygen control logic. Provide capability to use back third of aeration tanks as anoxic zone to encourage denitrification. Replace the existing Somat presses and dissolved air flotation thickener with a rotating sludge thickener and a rotary fan press. Provide odor control equipment for all sludge handling equipment certain process building interior spaces. Replace pumps and piping and rehabilitate control building where required.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-50	Eligible Project Cost:	$6,708,431
Rank:	233		
County:	Essex	Total State Amount:	$6,708,431

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.534341
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	626.534341

Project Name, Number | **Priority List Rank**

Passaic Valley Sewerage Commission
S340689-50 | 233
Sewage Treatment Plant (STP) - Improvement/Upgrade

County

Essex

Existing Population

1,534,341

Service Area

PVSC serves 48 municipalities in parts of Bergen, Essex, Hudson, Passaic and Union Counties.

Need for Project

In order to properly operate and maintain PVSC's secondary wastewater treatment plant and collections system, support buildings for the fleet, facilities and collections system staff are necessary. This project is to implement necessary improvements to PVSC's fleet maintenance and fueling facilities as well as improve work spaces, bathrooms and locker facilities for PVSC's staff.

Project Description

The project includes improvements to the Passaic Valley Sewerage Commission's Vehicle Maintenance Building, vehicle storage buildings, fuel storage and dispensing facilities, vehicle maintenance garages and car wash. The work includes, but is not limited to, roof improvements, structural repairs, hvac, electrical, replacement lighting and plumbing improvements. The project also includes replacement of underground fuel storage tanks, fuel dispensing equipment and replacement of the fuel island and canopy. PVSC's Vehicle Maintenance Facility also includes office and conference room spaces for PVSC's facilities and collection systems staff, improvements to the work spaces, bathrooms and locker rooms within this facility will also be performed under this project.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-19	Eligible Project Cost:	$63,223,700
Rank:	234		
County:	Essex	Total State Amount:	$63,223,700

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.35
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	626.35

Project Name, Number | **Priority List Rank**

Passaic Valley Sewerage Commission
S340689-19 | 234
Sewage Treatment Plant (STP) - Improvement/Upgrade

County

Essex

Existing Population

1,350,000

Service Area

Parts of Bergen Essex Hudson and Passaic Counties

Need for Project

Although the Commission already has qualifying back-up for power outages through 2 PSEG sub-stations this CHP Facility will make the Commission wholly independent from utility outages thereby allowing the Commission to continue processing sewerage materials under all power conditions including that of a grid black-out. This would prevent the flow of untreated materials in those power challenged situations. The CHP Facility would allow the Commission to increase power to meet all demand during wet weather flow periods. The CHP Facility should result in operational efficiencies including cost savings in electricity heating and cooling so that the Commission can undertake other priority list projects through the Trust Program.

Project Description

The proposed project includes installation of a Combined Heat and Power Facility to be located on Commission property.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-16	Eligible Project Cost:	$13,000,360
Rank:	234		
County:	Essex	Total State Amount:	$13,000,360

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	25

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.35
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	626.35

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-16 Sewage Treatment Plant (STP) - Improvement/Upgrade	234

County

Essex

Existing Population

1,350,000

Service Area

Parts of Bergen Essex Hudson and Passaic Counties

Need for Project

PVSC currently accepts sludge from the Bergen County Utilities Authority (BCUA) for treatment. Maintenance dredging is required to continue to accept the BCUA sludge. Dewatering the BCUA sludge at PVSC reduces nitrogen loadings to the Hackensack River. This project will also make improvements to PVSCs plant wide fire alarm system.

Project Description

The proposed project includes improvements to the plant wide fire alarm system. PVSCs docks require maintenance dredging to continue to bring sludges by barge from the Bergen County Utilities Authority and New York City.

Anticipated Recipient:	Roxbury Township		
Project No.:	S340381-07	Eligible Project Cost:	$8,223,075
Rank:	236		
County:	Morris	Total State Amount:	$8,223,075

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.023324
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	625.023324

Project Name, Number

Roxbury Township
S340381-07
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

236

County

Morris

Existing Population

23,324

Service Area

The areas of the Township of Roxbury in which the project is located are within existing residential and commercial areas and are accessible by highways such as Route 80, Route 10, and Route 46. The project sites consist of land use associated with residential, public and commercial/industrial development and are currently fully developed. At the present time, the WPCP services a population of approximately 15,425 people. The existing facility currently treats an average flow of 1.75 million gallons per day (mgd) and was designed to treat an average annual flow of 2.0 mgd.

Need for Project

The Township of Roxbury intends to improve the resiliency of the existing facilities by replacing equipment which has reached the end of its useful life and installing new facilities with the capability to provide a more robust treatment during extreme wet weather events. Some of the critical equipment at the Ajax Terrace WCP (RBCs and Main Pump Station Pumps) has aged and is in need of renewal, replacement or upgrade. Similarly the Highland Manor pumps and associated pipe is in poor conditions and must be rehabilitated in order to ensure and maintain reliable pumping operation, both now and in the future.

Project Description

This project is for the improvements at the Ajax Terrace Water Pollution Control Plant and Highlands Manor Pump Station (HMPS) facilities, located in the Township of Roxbury, Morris County, New Jersey. At the Ajax Terrace WPCP proposed work will include replacement of eight (8) RBC units. Due to the age and deteriorating function of the existing MPS equipment, the Township intends to replace the existing pumps and ancillary systems new equipment to improve operational efficiency and reliability. The proposed dry submersible pumps will protect against dry well flooding and eliminate the need for the intermediate shafts and bearings and the seal water system, which will also reduce maintenance requirements. Monorails and hoists are also proposed for easier and safer removal of pumps when service is needed. At HMPS, the project will provide new submersible pumps to the existing wet well and modify the structure so that confined space entries are no longer required for routine operations.

Anticipated Recipient:	Raritan Township Municipal Utilities Authority		
Project No.:	S340485-12	Eligible Project Cost:	$4,709,999
Rank:	237		
County:	Hunterdon	Total State Amount:	$4,709,999

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.022185
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	625.022185

Project Name, Number | **Priority List Rank**

Raritan Township Municipal Utilities Authority
S340485-12 | 237
Sewage Treatment Plant (STP) - Improvement/Upgrade

County

Hunterdon

Existing Population

22,185

Service Area

Portion of Raritan and Readington Townships. All of Flemington Borough

Need for Project

Improve Wastewater discharge at treatment plant. Intent is to replace aging equipment at the end of its useful life. Update equipment for current innovative technology and incorporation into RTMUA SCADA system

Project Description

Improve 2 unit processes at the main treatment plant. The first is the influent pump station where it is proposed to replace the screening equipment and make building structural, HVAC, electrical and SCADA upgrades. The second in the final clarifiers where it is proposed to refurbish and rebuild the internal components of the existing 4 clarifiers.

Anticipated Recipient:	Clinton Town		
Project No.:	S340924-08	Eligible Project Cost:	$3,185,000
Rank:	238		
County:	Hunterdon	Total State Amount:	$3,185,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	50
			State Planning Commission	0
			Population	0.013299
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	625.013299

Project Name, Number

Clinton Town
S340924-08
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

238

County

Hunterdon

Existing Population

13,299

Service Area

Upgrades to the Filter and Residuals Building located at the Town of Clinton Waste Water Treatment Plant, which serves as the point of treatment for all/part of 5 municipalities.

Need for Project

Replacement of fine screen filters, sludge press and building related items in order to operate the sewage treatment plant.

Project Description

The removal and replacement of the building outer metal skin and insulation, removal and replacement of all overhead and access doors, removal and replacement of most of the structural support girts, column footing anchor bolt and baseplate replacement, and painting minor site work consisting of a 36'x18' stone parking area, minor site paving and restoration. The work also includes electrical and mechanical upgrades to the sludge press and fine screen filter room with removal and replacement of blowers, heaters, lighting and electric and controls in order to conform to the latest explosion proof code Class I Div I Group D. A separate building will be constructed in order to house the electrical panels and controls. The work also includes replacement of the sludge belt press, polymer feed, 4 fine screen filters, and conveyors for both sludge and fine screen filter screenings. Other misc. mechanical, piping, pipe supports weir boxes, and miscellaneous metal work will be completed.

Anticipated Recipient:	Clinton Town		
Project No.:	S340924-05	Eligible Project Cost:	$1,559,892
Rank:	238		
County:	Hunterdon	Total State Amount:	$1,559,892

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	50
			State Planning Commission	0
			Population	0.013299
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	625.013299

Project Name, Number	Priority List Rank
Clinton Town S340924-05 Sewage Treatment Plant (STP) - Improvement/Upgrade	238

County

Hunterdon

Existing Population

13,299

Service Area

Town of Clinton and portions of the Township of Clinton Borough of Highbridge Union Township Franklin Township the North Hunterdon County Regional School District and the State of New Jersery Facilities in Union Township.

Need for Project

The electrical system upgrades and generator will provide a more resilient system that can operate during storm events and power outages. The electrical upgrades will also improve the reliablility of the wwtp and move the electrical equipment from a room that also houses equipment that processes primary sewage.that can operate during storm events and power outages.

Project Description

The proposed project includes electrical system upgrades and installation of a generator to provide a more resilient and reliable system.

Anticipated Recipient:	Allamuchy Township		
Project No.:	S340256-02	Eligible Project Cost:	$3,997,392
Rank:	240		
County:	Warren	Total State Amount:	$3,997,392

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.003877
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	625.003877

Project Name, Number	Priority List Rank
Allamuchy Township S340256-02 Sewage Treatment Plant (STP) - Improvement/Upgrade	240

County

Warren

Existing Population

3,877

Service Area

Township of Allamuchy

Need for Project

The project will improve the operation of the existing wastewater treatment plant. No additonal capacity will result from the improvements and no new units will be served as a result of this project.

Project Description

Improvements to the Township of Allamuchy Wastewater Treatment Plant including installation of UV disinfection system replacement of existing sand filters and installation of a permanent chemical storage tank and associated piping for phosphorous reduction.

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340902-14	Eligible Project Cost:	$37,750,220
Rank:	241		
County:	Gloucester	Total State Amount:	$37,750,220

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	550

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.2
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	615.2

Project Name, Number | **Priority List Rank**

Gloucester County Utilities Authority
S340902-14 | 241
Energy Efficiency / Renewable Energy

County

Gloucester

Existing Population

200,000

Service Area

Northern areas of Gloucester County- Clayton, Deptford Twp, Glassboro, Mantua Twp, National Park, Paulsboro, Pitman, Washington Twp, Wenonah, West Deptford, Woodbury, Woodbury Heights, portions of East Greenwich, Elk Twp and Monroe Twp

Need for Project

The GCUA wastewater treatment plant is rated for 27.0 MGD and needs various improvements to the plant infrastructure for grit removal, bio-solids handling, blower efficiency, clarification and energy production.

Project Description

The bio-solids handling facility is proposed to change from sludge incineration to anaerobic digestion with combined heat and power generation. Various other wastewater plant improvements are proposed for energy efficiency and to better support the anaerobic digestion process.

Anticipated Recipient:	Joint Meeting of Essex & Union Counties		
Project No.:	S340686-04	Eligible Project Cost:	$11,199,679
Rank:	242		
County:	Union	Total State Amount:	$11,199,679

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	550

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.478
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	600.478

Project Name, Number	Priority List Rank
Joint Meeting of Essex & Union Counties S340686-04 Sewage Treatment Plant (STP) - Improvement/Upgrade	242

County

Union

Existing Population

478,000

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 reliabilty.

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:	Joint Meeting of Essex & Union Counties		
Project No.:	S340686-09	Eligible Project Cost:	$18,570,030
Rank:	242		
County:	Union	Total State Amount:	$18,570,030

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

Project Name, Number

Joint Meeting of Essex & Union Counties
S340686-09
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

242

County

Union

Existing Population

450,000

Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

Need for Project

The purpose of the proposed Waste Gas Burner Upgrades is to reduce maintenance and increase reliability of the waste gas burner system as well as to install new enclosed flares that meet current NJDEP air quality permitting requirements. The purpose of the proposed Miscellaneous Building Rehabilitation is to perform repairs on various structures throughout the plant to reduce the potential for structural and architectural failures which could pose safety hazards. The purpose of the proposed New Primary Tunnel Building Construction is to eliminate the permit required confined space and to replace severely corroded piping within the existing Primary Tunnel. The tunnel limits access to piping and equipment for maintenance or replacement and can become a safety hazard to plant personnel.

Project Description

Capital Improvement Projects 2019 consisting of the three following projects: Waste Gas Burner Upgrades - replacement of the existing waste gas burners at the Digester Building and Sludge Storage Tanks with state-of-the-art enclosed flares to meet current air emission permitting requirements. Miscellaneous Building Rehabilitation - Rehabilitation of various structures including concrete repairs and/or reconstruction in the Screen House, Old Chlorine Building, Chlorination Building, Aeration Gallery and Waste Gas Building; replacement of brick veneer panels and supporting walls on the Dewatering Building; replacement of the coping and brick facade on the Sludge Storage Tanks. New Primary Tunnel Building Construction - Construction of a new building adjacent to the existing Primary Tunnel at the influent end of the Primary Settling Tanks to eliminate the permit required confined space and replace severely corroded piping in the tunnel and installation of new primary sludge pumps.

Anticipated Recipient:	Newark City		
Project No.:	S340815-16	Eligible Project Cost:	$5,923,270
Rank:	243		
County:	Essex	Total State Amount:	$5,923,270

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	100
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.27714
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	600.27714

Project Name, Number

Newark City
S340815-16
Equipment Purchase (Clean Water)

Priority List Rank

243

County

Essex

Existing Population

277,140

Service Area

City of Newark

Need for Project

Sewer maintenance equipment and vehicles are needed for the operation and maintenance of the sewer system throughout the City of Newark. Proper maintenance of the sewer system by reducing flooding and back ups improves water quality and public health.

Project Description

The project involes the aquisition of 4 jetvacuum sewer cleaning trucks 4 catch basin bucket trucks 2 large dump trucks 4 small masondump trucks 6 crew cab pick up trucks 3 backhoes 1 mini excavator 2 utility trucks 4 mini vans 4 suvs 1 cctv equipment trucks and other equipment such as rodder jetters tampers jack hammers & pumps required for the operation and maintenance of sewer system throughout the City of Newark.

Anticipated Recipient:	Newark City		
Project No.:	S340815-19	Eligible Project Cost:	$4,653,327
Rank:	243		
County:	Essex	Total State Amount:	$4,653,327

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	100
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.27714
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	600.27714

Project Name, Number	Priority List Rank
Newark City S340815-19 Sanitary Sewer System Rehabilitation	243

County

Essex

Existing Population

277,140

Service Area

City of Newark

Need for Project

Deteriorating manholes require rehabilitation to prevent total collapse which would result in severe sewer back ups.

Project Description

The project includes replacement of collapsing block manholes cast iron castings and manhole covers.

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340902-15	Eligible Project Cost:	$7,200,000
Rank:	245		
County:	Gloucester	Total State Amount:	$7,200,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	550

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.2
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	600.2

Project Name, Number

Gloucester County Utilities Authority
S340902-15
Energy Efficiency / Renewable Energy

Priority List Rank

245

County

Gloucester

Existing Population

200,000

Service Area

Northern Areas of Gloucester County - Clayton Borough, Deptford Township, East Greenwich Township, Elk Township, Glassboro Borough, Mantua Township, Monroe Township, National Park Borough, Paulsboro Borough, Pitman Borough, Washington Township, Wenonah Borough, West Deptford Township, Westville Borough, Woodbury City and Woodbury Heights Borough.

Need for Project

This project is an extension of the anaerobic digester project which will be funded through the NJEIT as part of the 2016 funding cycle. Biogas from the digesters will be collected, processed and used for fuel in a combustion engine for energy generation to power the entire wastewater treatment facility. Constructing anaerobic digesters with combine heat and power generation from the digester gas will have an accumulated economic benefit, estimated to be in excess of $50M over the next twenty years.

Project Description

This project consists of a combined heat and power cogeneration system for the anaerobic digesters and is an extension of the anaerobic digester project which will be funded through the NJEIT as part of the 2016 funding cycle. As part of this project, biogas generated through the digestion process will be collected, processed through a gas conditioning system and used for fuel in a combustion engine that will be linked to 1000kw power generating units. Energy generated by the system will be utilized to power the wastewater treatment facility. With implementation of this process, GCUA anticipates being close to net zero energy status. Construction of the system will include engine-cogenerating "sets", including the associated operations building, biogas conditioning system with the associated building and a gas storage tank.

Anticipated Recipient:	Stafford Township		
Project No.:	S344100-03	Eligible Project Cost:	$3,046,458
Rank:	246		
County:	Ocean	Total State Amount:	$3,046,458

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	50
	Subtotal	575

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.026535
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	600.026535

Project Name, Number	Priority List Rank
Stafford Township S344100-03 Stormwater Management - Gray Infrastructure	246

County

Ocean

Existing Population

26,535

Service Area

The Service Area for this project is the Ocean Acres development in Stafford Township.

Need for Project

This project will consist of the construction of one secondary water quality basin for the Ocean Acres development downstream of the existing Neptune Basin. The secondary water quality basin will allow additional opportunity for nitrogen, total suspended solids and phosphorous reduction.Additionally, the new basin will collect additional petroleum hydrocarbons, and dissolved organic shemicals prior to discharge into the Barnegat Bay.

Project Description

(Carryover SFY2015) - The proposed project includes the construction andor retrofit of one or more stormwater basins to improve its ability to remove nitrogen.

Anticipated Recipient:	Stafford Township		
Project No.:	S344100-02	Eligible Project Cost:	$5,935,359
Rank:	246		
County:	Ocean	Total State Amount:	$5,935,359

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	50
	Subtotal	575

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.026535
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	600.026535

Project Name, Number	Priority List Rank
Stafford Township S344100-02 Equipment Purchase (Clean Water)	246

County

Ocean

Existing Population

26,535

Service Area

The service area for this project is Stafford Township.

Need for Project

The purchase of a Regenerative Street Sweeper and Vacuum Truck will improve stormwater runoff quality. The purchase of the equipment will remove organic matter from the streets and prevent it from entering the stormwater collection system prior to it draining to the Barnegat Bay. This will reduce total suspended solids, nitrogen and phosphorous loading throughout all of the streets.

Project Description

(Carryover SFY2015) - The proposed project includes the purchase of leaf collection equipment grit separators vehicle wash facility as well as other improvements to the stormwater sewer system

Anticipated Recipient:	Buena Borough Municipal Utilities Authority		
Project No.:	S340518-04	Eligible Project Cost:	$2,049,114
Rank:	248		
County:	Atlantic	Total State Amount:	$2,049,114

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	50
			State Planning Commission	0
			Population	0.0037
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	600.0037

Project Name, Number	Priority List Rank
Buena Borough Municipal Utilities Authority S340518-04 Sewage Treatment Plant (STP) - Improvement/Upgrade	248

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:	Berkeley Township		
Project No.:	S344020-01	Eligible Project Cost:	$905,063
Rank:	249		
County:	Ocean	Total State Amount:	$905,063

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.041255
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	590.041255

Project Name, Number

Berkeley Township
S344020-01
Stormwater Management - Gray Infrastructure

Priority List Rank

249

County

Ocean

Existing Population

41,255

Service Area

The stormwater drainage area bounded by Sherman Avenue to the west, Veeder Lane to the north, Anchorage Avenue to the south and Red Bank Avenue to the east, will route through the proposed retention basing located between Red Bank Avenue and Moorage Avenue before releasing into lagoon waters of the Barnegat Bay.

Need for Project

Like many other communities in Ocean County, the Township saw enormous growth and development in the 1970s. This development negatively altered the quality of surface runoff entering Barnegat Bay. This project is a concentrated effort of the Township to increase the quality of storm water surface runoff that will be released to Barnegat Bay. The Township is concerned with the health of Barnegat Bay and is improving their approach to bettering Barnegat Bay for all residents.

Project Description

Construction of new water quality stormwater basins within Veterans Park.

Anticipated Recipient:	Berkeley Township		
Project No.:	S344020-02	Eligible Project Cost:	$905,063
Rank:	249		
County:	Ocean	Total State Amount:	$905,063

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.041255
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	590.041255

Project Name, Number

Berkeley Township
S344020-02
Stormwater Management - Gray Infrastructure

Priority List Rank

249

County

Ocean

Existing Population

41,255

Service Area

The stormwater drainage area bounded by Sherman Avenue to the west, Veeder Lane to the north, Anchorage Avenue to the south and Red Bank Avenue to the east, will route through the proposed retention basing located between Red Bank Avenue and Moorage Avenue before releasing into lagoon waters of the Barnegat Bay.

Need for Project

Like many other communities in Ocean County, the Township saw enormous growth and development in the 1970s. This development negatively altered the quality of surface runoff entering Barnegat Bay. This project is a concentrated effort of the Township to increase the quality of storm water surface runoff that will be released to Barnegat Bay. The Township is concerned with the health of Barnegat Bay and is improving their approach to bettering Barnegat Bay for all residents.

Project Description

Construction of a Retention Basin designed to remove at least 80% of total suspended solids for a drainage area of approximately 90 acres. The basin will include an aerator and shall be designed according to New Jersey Best Management Practices Manual. Construction will also include replacement of storm sewer and associated structures.

Anticipated Recipient:	Allentown Borough		
Project No.:	S340567-05	Eligible Project Cost:	$5,761,196
Rank:	251		
County:	Monmouth	Total State Amount:	$5,761,196

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	50
			State Planning Commission	10
			Population	0.001828
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	585.001828

Project Name, Number	Priority List Rank
Allentown Borough S340567-05 Sewage Treatment Plant (STP) - Improvement/Upgrade	251

County

Monmouth

Existing Population

1,828

Service Area

The entire Borough of Allentown.

Need for Project

The existing Wastewater Treatment Plant (WWTP) is in a condition which requires either a replacement or elimination of the WWTP. NJDEP has cited that the existing trickling filter is not operating correctly and is undersized. The arm mechanism for the trickling filter is not operating correctly and requires replacement. Presently there is only one trickling filter, therefore inspection of the internal condition of the bottom filter plate and concrete structure has not been evaluated but it is expected that it requires extensive repair. The trickling filter is also undersized, so a second filter is needed. This would be difficult due to the confined site and wetlands constrictions. The WWTP often meets the discharge requirements of the NJPDES permit, but in the past 2 years has had multiple violations. The Borough realizes it needs to eliminate the violations at the WWTP and wants to decrease the cost of operation and maintenance.

Project Description

The Borough of Allentown owns and operates a Wastewater Treatment Plant (WWTP), which discharges effluent to Doctor's Creek. The WWTP presently requires improvements and repairs. The Borough is proposing to replace the existing WWTP with a more efficient integrated fixed-film activated sludge (IFAS) plant. The Borough will remove the existing sand filters, RBCs, trickling filter, and sludge holding tank. These components will be replaced with a new sludge tank with greater capacity and an integrated fixed-film activated sludge (IFAS) system. In addition, the electrical service will be upgrade, the primary and secondary clarifiers will be enlarged and raised above the flood elevation, a grinder will be installed within the influent PS wet well, and a mechanical bar screen will be installed. Additional pumping stations will also be provided. The proposed project will have no impact on the current or future WWTP design capacity, which will remain at 238,000 GPD, and will not increase the size of the Borough's sanitary sewer collection system service area.

Anticipated Recipient:	Stony Brook Regional Sewer Authority		
Project No.:	S340400-11	Eligible Project Cost:	$20,925,055
Rank:	252		
County:	Mercer	Total State Amount:	$20,925,055

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	50
			State Planning Commission	0
			Population	0.108
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	575.108

Project Name, Number	Priority List Rank
Stony Brook Regional Sewer Authority S340400-11 Sewage Treatment Plant (STP) - Improvement/Upgrade	252

County

Mercer

Existing Population

108,000

Service Area

River Road Wastewater Treatment Plant began treating sewage in 1978. Wastewater flow to the River Road treatment plant is received from Princeton, a portion of South Brunswick Township and Plainsboro, and West Windsor Township.

Need for Project

The UV system will enable compliance with new NJPDES permit effluent limits for chlorodibromomethane (CDBM) and bromodichloromethane (BDCM). Replacement of aging deep bed dual-media effluent filters will ensure reliable performance of the effluent filtration process which is critical for water quality protection.

Project Description

The proposed project involves the replacement of our existing dual-media effluent filtration system and the replacement of the existing disinfection system with a UV system. Many components of the existing filtration system are 39 years old and in need of significant rehabilitation. This project replaces the existing filtration system with a new filtration facility utilizing disc-type effluent filters. The new facility will be in a new building constructed adjacent to the existing filter building. The existing chlorine-based disinfection system will be replaced with a new ultraviolet (UV) disinfection system to meet new, more stringent effluent limitations for Chlorodibromomethane (CDBM) and Bromodichloromethane (BDCM). Modifications to the existing chlorine contact tanks, de-chlorination tanks, and reaeration tanks will be completed to incorporate the new UV disinfection system within and on top of the existing tanks.

Anticipated Recipient:	New Jersey Water Supply Authority		
Project No.:	S340421-02	Eligible Project Cost:	$82,822,000
Rank:	252		
County:	Hunterdon	Total State Amount:	$82,822,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	1.5
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	501.5

Project Name, Number

New Jersey Water Supply Authority
S340421-02
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

252

County

Hunterdon

Existing Population

1,500,000

Service Area

The Round Valley Reservoir is part of Raritan Basin System, which provides the basic source of raw water supply to a number of public and private water utilities serving more than 1,500,000 people in central New Jersey. It is located in Clinton Township, Hunterdon County and is filled by pumping with water from the South Branch of the Raritan River via the Authority-owned South Branch Pumping Station. Water is released into the South Branch of the Rockaway Creek, a tributary to the main stem of the Raritan River or water is released to the South Branch of the Raritan River. The released water helps to maintain minimum passing flows in the South Branch and main stem Raritan River.

Need for Project

The integrity of the structures in the Spruce Run-Round Valley Reservoir system is integral to compliance with the requirement to maintain minimum passing flows in the Raritan River at 3 locations. Passing flows maintained by releases from the outlet structures at Round Valley and Spruce Run maintain ecological health of the river. Permitted discharges from downstream wastewater treatment plants also rely on these passing flows, therefore, the reservoir structures protect water quality. Catastrophic failure of these structures would result in the inundation of many downstream land uses including critical wastewater infrastructure. Refurbishing the structures now will provide long term risk reduction and increased resiliency for vital downstream infrastructure including water and wastewater treatment plants. Engineering design standards have advanced since the structures were designed and built.

Project Description

Decrease seepage by grouting at abutments; enhance, replace and/or install additional filters and drainage improvement features (chimney drain); install and improve instrumentation; flatten slopes to increase stability; remove and replace previous repairs to south structure; reestablish survey monumentation; install and improve security cameras; repair leak near the invert of the south tower; replace 10-inch pipe connecting force main and south valve vault; study, repair, replace and/or abandon low-level valve release; full inspection of all reservoir structures; rehabilitation of pumps #4, #5, #7, and #8 at South Branch Pumping Station; refill reservoir by pumping.

Anticipated Recipient:	Stony Brook Regional Sewer Authority		
Project No.:	S340400-10	Eligible Project Cost:	$4,700,000
Rank:	253		
County:	Mercer	Total State Amount:	$4,700,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	50
			State Planning Commission	0
			Population	0.08
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	575.08

Project Name, Number	Priority List Rank
Stony Brook Regional Sewer Authority S340400-10 Sewage Treatment Plant (STP) - Improvement/Upgrade	253

County

Mercer

Existing Population

80,000

Service Area

The project will service our member municipalities: Princeton, West Windsor Township, South Brunswick Township, Pennington Borough, Hopewell Borough, Hopewell Township

Need for Project

The project components (pumps) are used to convey dewatered sludge from our belt filter presses, sludge receiving bins and sludge storage hopper for incineration of SBRSA's sludge in addition to the sludge from approximately 30 small to midsize wastewater treatment plants.

Project Description

The project involves the replacement of seven existing dewatered sludge pumps with seven new dewatered sludge pumps and the replacement of the live bottom feed screws and drives for the sludge cake receiving bins. The pumps are essential for SBRSA to process/incinerate our sludge from our River Road, Hopewell and Pennington WWTPs as well as the liquid and cake sludge that SBRSA receives from approximately 30 small to midsize wastewater treatment plants.

Anticipated Recipient:	Western Monmouth Utilities Authority		
Project No.:	S340128-03	Eligible Project Cost:	$13,000,360
Rank:	254		
County:	Monmouth	Total State Amount:	$13,000,360

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	550

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.079224
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	575.079224

Project Name, Number

Western Monmouth Utilities Authority
S340128-03
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

254

County

Monmouth

Existing Population

79,224

Service Area

Townships of Manalapan and Marlboro the Borough of Englishtown and a portion of the Township of Freehold

Need for Project

The proposed project is needed to reduce the amount of electricity consumed at the plant. Continued operation using grid power would require a continued reliance on non-renewable energy sources. The project will reduce the production of greenhouse gases which are a by-product of burning fossil fuels. It will also reduce the cost of plant operation while providing a positive impact on our environment.

Project Description

The WMUA proposes installation of a new photovoltaic (PV) solar array system in two areas the north and south sections of the plant. The purpose of the project is to alleviate the electricity demand from the power plant during its operation. The PV array proposed in the south runs along the southern border of the site adjacent to Pine Brook and the area to the north is the existing site presently utilized by the WMUA for construction staging. The proposed solar array will cover approximately 146300 sq. ft. of land. As proposed the solar array will produce a total of 2 Mw of electricity and will offset approximately 13 to 12 of the current energy used by the plant.

Anticipated Recipient:	Gloucester Township Municipal Utilities Authority		
Project No.:	S340364-09	Eligible Project Cost:	$864,565
Rank:	255		
County:	Camden	Total State Amount:	$864,565

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	550

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.06435
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	575.06435

Project Name, Number	Priority List Rank
Gloucester Township Municipal Utilities Authority S340364-09 Sewage Treatment Plant (STP) - Improvement/Upgrade	255

County

Camden

Existing Population

64,350

Service Area

Township of Gloucester

Need for Project

The project will reduce the GTMUAs reliance on public electric supply and in turn fossil fuels. The solar array will supply power to the Authority facilities that handle the operations and maintenance for the MUA.

Project Description

The GTMUA Sewer System Rehabilitation Project consists of a single project as delineated in this planning document. All aspects of the components will be located within the boundary of GTMUAs current Gloucester Township service area and collection system. The project consists of the installation of a 175kW Solar Array to supply power to the MUA facilities. The project will include the necessary site work and installation of solar hardware to connect to the existing Authority buildings. The solar array will supply power to the Authority facilities that handle the operations and maintenance for the MUA. The proposed project objectives are to maintain permit compliance and increase operational efficiencies thereby enhancing the integrity of the overall wastewater collection system.

Anticipated Recipient:	Ocean County		
Project No.:	S344080-02	Eligible Project Cost:	$2,093,653
Rank:	256		
County:	Ocean	Total State Amount:	$2,093,653

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	50
	Subtotal	575

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.059994
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	575.059994

Project Name, Number	Priority List Rank
Ocean County S344080-02 Stormwater Management - Gray Infrastructure	256

County

Ocean

Existing Population

59,994

Service Area

Ocean County

Need for Project

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

Project Description

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

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Evesham Municipal Utilities Authority		
Project No.:	S340838-09	Eligible Project Cost:	$388,000
Rank:	257		
County:	Burlington	Total State Amount:	$388,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	50
			State Planning Commission	0
			Population	0.045538
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	575.045538

Project Name, Number	Priority List Rank
Evesham Municipal Utilities Authority S340838-09 Sewage Treatment Plant (STP) - Improvement/Upgrade	257

County

Burlington

Existing Population

45,538

Service Area

Evesham Township, Burlington County, NJ

Need for Project

Several buildings and treatment processes have been overcome by flood waters in the past. The Authority will be installing barriers to prevent such flooding. This will ensure that proper treatment of raw wastewater can still be achieved during flood events.

Project Description

Install protective measures to prevent flooding during 500 year storm events.

Anticipated Recipient:	Evesham Municipal Utilities Authority		
Project No.:	S340838-10	Eligible Project Cost:	$1,449,000
Rank:	257		
County:	Burlington	Total State Amount:	$1,449,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	50
			State Planning Commission	0
			Population	0.045538
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	575.045538

Project Name, Number	Priority List Rank
Evesham Municipal Utilities Authority S340838-10 Sewage Treatment Plant (STP) - Improvement/Upgrade	257

County

Burlington

Existing Population

45,538

Service Area

Evesham Township, Burlington County, NJ

Need for Project

The existing tertiary filters were constructed in 1989 and are reaching the end of their useful life. The filters can get overwhelmed during periods of high flows and require increasing amounts of backwash water in order to maintain the required effluent quality. It is expected that the disc filters will reduce energy and backwash water requirements while improving effluent quality.

Project Description

Convert the existing mixed media, traveling bridge tertiary filters to rotating disc filters.

Anticipated Recipient:	Maple Shade Township		
Project No.:	S340710-05	Eligible Project Cost:	$2,541,541
Rank:	259		
County:	Burlington	Total State Amount:	$2,541,541

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	550

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.019079
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	575.019079

Project Name, Number	Priority List Rank
Maple Shade Township S340710-05 Sewage Treatment Plant (STP) - Improvement/Upgrade	259

County

Burlington

Existing Population

19,079

Service Area

Township of Maple Shade

Need for Project

This is a green approach for an alternate energy source at various municipal locations within Maple Shade including the existing wastewater treatment plant.

Project Description

The proposed project includes installation of solar panels at the Wastewater Treatment Plant.

Anticipated Recipient:	Long Hill Township		
Project No.:	S340404-10	Eligible Project Cost:	$7,439,786
Rank:	260		
County:	Morris	Total State Amount:	$7,439,786

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	25

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	50
			State Planning Commission	0
			Population	0.008702
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	575.008702

Project Name, Number	Priority List Rank
Long Hill Township S340404-10 Sewage Treatment Plant (STP) - Improvement/Upgrade	260

County

Morris

Existing Population

8,702

Service Area

The Long Hill Township WWTP is located on Block 10411, Lot 6 at the end of South Warren Avenue in Long Hill Township, Morris County, New Jersey. The existing sewer service area (SSA) of the WWTP is shown in Figure 1 of the planning documents and environmental assessment report, which is consistent with the SSA shown in the draft Morris County Wastewater Management Plan (WMP).

Need for Project

The proposed WWTP upgrades will enable compliance with the new effluent limit for Total Phosphorus, and the sewer rehabilitation will also benefit the Passaic River water quality by reducing peak flow rates of I&I thereby enhancing the reliability of plant performance and water quality protection.

Project Description

The project includes upgrades to the WWTP, pump stations, and sanitary sewer collection system. Several plant upgrades will occur to achieve the new effluent limit for Total Phosphorus and the permitted average flow capacity of 1.25 mgd. The upgrades will involve adding a chemical storage and feed system to precipiate Total Phosphorus , replacing the existing sand filters with new disc filters, replacing influent pumps 3 and 4 and the RAS pump. Additionally, the rehabilitation will be focused on areas suspect of contributing significant flow rates of infiltration and inflow, which will reduce peak flows to the WWTP thereby enhancing operation of the WWTP. The rehabilitation will also focus on the areas that are known to be deteriorating and located in flood-prone sections of the Township.

Anticipated Recipient:	Jefferson Township		
Project No.:	S340747-04	Eligible Project Cost:	$6,526,216
Rank:	261		
County:	Morris	Total State Amount:	$6,526,216

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	0
			Population	0.00787
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	575.00787

Project Name, Number	Priority List Rank
Jefferson Township S340747-04 Sanitary Sewer System - New	261

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:	North Wildwood City		
Project No.:	S340663-07	Eligible Project Cost:	$17,968,040
Rank:	262		
County:	Cape May	Total State Amount:	$17,968,040

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	100
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.004041
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	575.004041

Project Name, Number

North Wildwood City
S340663-07
Sanitary Sewer System Rehabilitation

Priority List Rank

262

County

Cape May

Existing Population

4,041

Service Area

Complete replacement of the sanitary sewers, storm sewers and reconstruction of roadways within the following locations: 5th Ave (Beach Creek to Central Ave), including the street end bulkhead and boat ramp; 6th Ave (New Jersey Ave to Central Ave); 7th Ave (Central Ave to Surf Ave); 8th Ave (New Jersey Ave to Surf Ave); 9th Ave (Central Ave to Surf Ave); 14th Ave (Central Ave to Surf Ave); 15th Ave (Surf Ave to Ocean Ave); 16th Ave (Delaware Ave to New York Ave); 17th Ave (New York Ave to New Jersey Ave); 12th, 13th, 14th, & 15th Avenues (Hoffman Canal to Delaware Ave), including the street end bulkheads; Hoffman Alley (12th Ave to 15th Ave; Delaware Ave (12th Ave to 18th Ave); Central Ave (5th Ave to 6th Ave); New York Ave (5th Ave to 7th Ave); New York Ave (16th Ave to 17th Ave); the Boardwalk Storm Sewer System between 16th Ave and 26th Ave, including replacement of the Boardwalk between 22nd Ave and 26th Ave; and the Beach Outfall near 21st Avenue.

Need for Project

The project will dramatically improve resiliency in the existing sanitary sewer and storm sewer systems to mitigate flooding and system backup caused by failure of said systems. The project will minimize the potential for these systems to fail under both normal day to day operations as well as in storm events thereby preventing water quality impact to the open waters adjacent to the City on both the Ocean and Bay sides of the municipality.

Project Description

Complete replacement of the sanitary sewers and reconstruction of roadways within the following locations: 5th Ave (Beach Creek to Central Ave), including the street end bulkhead and boat ramp; 6th Ave (New Jersey Ave to Central Ave); 7th Ave (Central Ave to Surf Ave); 8th Ave (New Jersey Ave to Surf Ave); 9th Ave (Central Ave to Surf Ave); 14th Ave (Central Ave to Surf Ave); 15th Ave (Surf Ave to Ocean Ave); 16th Ave (Delaware Ave to New York Ave); 17th Ave (New York Ave to New Jersey Ave); 12th, 13th, 14th, & 15th Avenues (Hoffman Canal to Delaware Ave); Hoffman Alley (12th Ave to 15th Ave; Delaware Ave (12th Ave to 18th Ave); Central Ave (5th Ave to 6th Ave); New York Ave (5th Ave to 7th Ave); New York Ave (16th Ave to 17th Ave).

Anticipated Recipient:	Seaside Park Borough		
Project No.:	S344200-02	Eligible Project Cost:	$2,691,442
Rank:	263		
County:	Ocean	Total State Amount:	$2,691,442

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	50
	Subtotal	575

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.002263
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	625.002263

Project Name, Number	Priority List Rank
Seaside Park Borough S344200-02 Stormwater Management - Green Infrastructure	263

County

Ocean

Existing Population

2,263

Service Area

The service area of this project encompasses the area east NJ State Highway 35 "Oceanside". And will consist of three parking lots with current methods to help alleviate contaminants in the storm runoff and decrease the carbon footprint of the entire site which serves as the main parking lot for the Townships which in the summer months is filled to capacity daily.

Need for Project

The newly constructed parking lot will utilize underground storage recharge structures which will help eliminate runoffs high in organic and inorganic compounds, thus helping to reduce addition of artificial or natural substances, such as nitrates and phosphates, through fertilizers or sewage, that flow into the Barnegat Bay Watershed which contributes to eutrofication. The newly constructed parking lot will utilize underground storage recharge structures which will help eliminate runoffs highin organic and inorganic compounds, thus helping to reduce the addition of artificial or natural substances, such as nitrates and phosphates, through fertilizers or sewage, which contributes to eutrofication. The lighting system will utilize highefficient, low energy lighting which will power LED lighting set on a timer to reduce the amount of electricity that is required topower these light structures.

Project Description

The work on this project consists of the installation an underground storm water recharge system capable of handling a two year storm (which will reduce the amount of discharge into the Barnegat Bay and Atlantic Ocean) high efficiency lighting system electric car charging stations and the repaving of the parking lots to still serve the original intended purpose of the proposed area and to promote better drainage of the site. All work will be designed and constructed to utilize the current green technologies to help eliminate the carbon footprint that tourist areas leave with the increase in population of the summer months. The area sees a tenfold increase in population in the summer months which is why this project is beneficial for the Borough and the environment.

Anticipated Recipient:	Howell Township Municipal Utilities Authority		
Project No.:	S340832-01	Eligible Project Cost:	$5,877,522
Rank:	264		
County:	Monmouth	Total State Amount:	$5,877,522

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	100
			State Planning Commission	0
			Population	0.00192
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	575.00192

Project Name, Number	Priority List Rank
Howell Township Municipal Utilities Authority S340832-01 Sanitary Sewer System - New	264

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:	Bay Head Borough		
Project No.:	S344120-02	Eligible Project Cost:	$289,789
Rank:	265		
County:	Ocean	Total State Amount:	$289,789

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	50
	Subtotal	575

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001238
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	575.001238

Project Name, Number	Priority List Rank
Bay Head Borough S344120-02 Stormwater Management - Green Infrastructure	265

County

Ocean

Existing Population

1,238

Service Area

Bay Head Borough

Need for Project

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

Project Description

The proposed project includes installation of approximately 20000sqft of permeable subsurface and pavers to an existing packed gravel parking lot.

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-13	Eligible Project Cost:	$31,660,502
Rank:	266		
County:	Bergen	Total State Amount:	$31,660,502

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	0
			Population	0.49114
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.49114

Project Name, Number	Priority List Rank
Bergen County Utilities Authority S340386-13 Sewage Treatment Plant (STP) - Improvement/Upgrade	266

County

Bergen

Existing Population

491,140

Service Area

The BCUA's Service Area consists of 47 municipalities and a portion of five non-member municipalities. The thirty-eight municipalities entirely served by the BCUA WWTP include Bergenfield, Bogota, Carlstadt, Closter, Demarest, Dumont, Emerson, Edgewater, Englewood, Englewood Cliffs, Fairview, Harrington Park, Haworth, Hillsdale, Leonia, Little Ferry, Maywood, Montvale, Moonachie, New Milford, Northvale, Norwood, Old Tappan, Oradell, Palisades Park, Paramus, Park Ridge, Ridgefield, Ridgefield Park, River Edge, River Vale, Rochelle Park, Teaneck, Tenafly, Teterboro, Westwood, Woodcliff Lake and Wood-Ridge. The eight municipalities partially served by the BCUA WWTP include Cliffside Park, East Rutherford, Fort Lee, Hackensack, Hasbrouck Heights, Rutherford, South Hackensack and Washington Township. The five nonmember municipalities partially served by the BCUA WWTP include Alpine, Lodi, Lyndhurst, North Bergen, and Ridgewood. Portions of Cliffside Park, Fort Lee, Hackensack, Ridgefield

Need for Project

Due to circumstances beyond its control, the BCUA is no longer capable of implementing its current compliance plan for copper, ammonia nitrogen and zinc by extending the existing Edgewater WPCF outfall to provide sufficient dilution on or before May 2015. The BCUA proposes to eliminate the existing surface water discharge including the bypass of secondary treatment in favor of a pump station and force main that diverts its service area to the Little Ferry WPCF for treatment offers the following advantages: resolution of the impediments to improving the quality of the discharge to the Hudson River from the Edgewater WPCF and reduction of the cost to the customers of the BCUA for wastewater treatment. Furthermore the diversion would reduce the diversion of fresh water from the Hackensack River; would further the state initiative of consolidation to reduce the cost of local government and would not harm the water quality in the Hackensack River.

Project Description

The proposed project includes consolidation of the EdgewaterLittle Ferry service areas by converting the Edgewater WPCF to a pumping station and diverting its service area to the Little Ferry WPCF.

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-10	Eligible Project Cost:	$5,962,475
Rank:	266		
County:	Bergen	Total State Amount:	$5,962,475

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	0
			Population	0.49114
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.49114

Project Name, Number	Priority List Rank
Bergen County Utilities Authority S340386-10 Sewage Treatment Plant (STP) - Improvement/Upgrade	266

County

Bergen

Existing Population

491,140

Service Area

The BCUA currently serves 51 municipalities.

Need for Project

Improvements to the Edgewater Treatment Plant will allow remote monitoring and control from the BCUAs SCADA System provide cost savings in the operation of the plant increase reliability and operability of the system and provide necessary security improvements.

Project Description

The proposed project includes automation upgrades integration with the BCUA SCADA system replacement of manual bar screens with mechanical bar screens repair of UNOX reactors upgrades to the grit screenings compactor installation of a redundant disinfection system and installation of odor controls.

Anticipated Recipient:	Elizabeth (JMEUC) City		
Project No.:	S340686-09B	Eligible Project Cost:	$6,505,876
Rank:	268		
County:	Union	Total State Amount:	$6,505,876

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

Project Name, Number	Priority List Rank
Elizabeth (JMEUC) City S340686-09B Sewage Treatment Plant (STP) - Improvement/Upgrade	268

County

Union

Existing Population

450,000

Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

Need for Project

The purpose of the proposed Waste Gas Burner Upgrades is to reduce maintenance and increase reliability of the waste gas burner system as well as to install new enclosed flares that meet current NJDEP air quality permitting requirements. The purpose of the proposed Miscellaneous Building Rehabilitation is to perform repairs on various structures throughout the plant to reduce the potential for structural and architectural failures which could pose safety hazards. The purpose of the proposed New Primary Tunnel Building Construction is to eliminate the permit required confined space and to replace severely corroded piping within the existing Primary Tunnel. The tunnel limits access to piping and equipment for maintenance or replacement and can become a safety hazard to plant personnel.

Project Description

Capital Improvement Projects 2019 consisting of the three following projects: Waste Gas Burner Upgrades - replacement of the existing waste gas burners at the Digester Building and Sludge Storage Tanks with state-of-the-art enclosed flares to meet current air emission permitting requirements. Miscellaneous Building Rehabilitation - Rehabilitation of various structures including concrete repairs and/or reconstruction in the Screen House, Old Chlorine Building, Chlorination Building, Aeration Gallery and Waste Gas Building; replacement of brick veneer panels and supporting walls on the Dewatering Building; replacement of the coping and brick facade on the Sludge Storage Tanks. New Primary Tunnel Building Construction - Construction of a new building adjacent to the existing Primary Tunnel at the influent end of the Primary Settling Tanks to eliminate the permit required confined space and replace severely corroded piping in the tunnel and installation of new primary sludge pumps.

Anticipated Recipient:	Union (JMEUC) Township		
Project No.:	S340686-09H	Eligible Project Cost:	$2,449,335
Rank:	268		
County:	Union	Total State Amount:	$2,449,335

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

Project Name, Number

Union (JMEUC) Township
S340686-09H
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

268

County

Union

Existing Population

450,000

Service Area

he Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

Need for Project

The purpose of the proposed Waste Gas Burner Upgrades is to reduce maintenance and increase reliability of the waste gas burner system as well as to install new enclosed flares that meet current NJDEP air quality permitting requirements. The purpose of the proposed Miscellaneous Building Rehabilitation is to perform repairs on various structures throughout the plant to reduce the potential for structural and architectural failures which could pose safety hazards. The purpose of the proposed New Primary Tunnel Building Construction is to eliminate the permit required confined space and to replace severely corroded piping within the existing Primary Tunnel. The tunnel limits access to piping and equipment for maintenance or replacement and can become a safety hazard to plant personnel.

Project Description

Capital Improvement Projects 2019 consisting of the three following projects: Waste Gas Burner Upgrades - replacement of the existing waste gas burners at the Digester Building and Sludge Storage Tanks with state-of-the-art enclosed flares to meet current air emission permitting requirements. Miscellaneous Building Rehabilitation - Rehabilitation of various structures including concrete repairs and/or reconstruction in the Screen House, Old Chlorine Building, Chlorination Building, Aeration Gallery and Waste Gas Building; replacement of brick veneer panels and supporting walls on the Dewatering Building; replacement of the coping and brick facade on the Sludge Storage Tanks. New Primary Tunnel Building Construction - Construction of a new building adjacent to the existing Primary Tunnel at the influent end of the Primary Settling Tanks to eliminate the permit required confined space and replace severely corroded piping in the tunnel and installation of new primary sludge pumps.

Anticipated Recipient:	Irvington (JMEUC) Township		
Project No.:	S340686-09D	Eligible Project Cost:	$2,252,347
Rank:	268		
County:	Union	Total State Amount:	$2,252,347

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

Project Name, Number	Priority List Rank
Irvington (JMEUC) Township S340686-09D Sewage Treatment Plant (STP) - Improvement/Upgrade	268

County

Union

Existing Population

450,000

Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

Need for Project

The purpose of the proposed Waste Gas Burner Upgrades is to reduce maintenance and increase reliability of the waste gas burner system as well as to install new enclosed flares that meet current NJDEP air quality permitting requirements. The purpose of the proposed Miscellaneous Building Rehabilitation is to perform repairs on various structures throughout the plant to reduce the potential for structural and architectural failures which could pose safety hazards. The purpose of the proposed New Primary Tunnel Building Construction is to eliminate the permit required confined space and to replace severely corroded piping within the existing Primary Tunnel. The tunnel limits access to piping and equipment for maintenance or replacement and can become a safety hazard to plant personnel.

Project Description

Capital Improvement Projects 2019 consisting of the three following projects: Waste Gas Burner Upgrades - replacement of the existing waste gas burners at the Digester Building and Sludge Storage Tanks with state-of-the-art enclosed flares to meet current air emission permitting requirements. Miscellaneous Building Rehabilitation - Rehabilitation of various structures including concrete repairs and/or reconstruction in the Screen House, Old Chlorine Building, Chlorination Building, Aeration Gallery and Waste Gas Building; replacement of brick veneer panels and supporting walls on the Dewatering Building; replacement of the coping and brick facade on the Sludge Storage Tanks. New Primary Tunnel Building Construction - Construction of a new building adjacent to the existing Primary Tunnel at the influent end of the Primary Settling Tanks to eliminate the permit required confined space and replace severely corroded piping in the tunnel and installation of new primary sludge pumps.

Anticipated Recipient:	West Orange (JMEUC) Township		
Project No.:	S340686-09I	Eligible Project Cost:	$1,585,429
Rank:	268		
County:	Union	Total State Amount:	$1,585,429

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

Project Name, Number

West Orange (JMEUC) Township
S340686-09I
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

268

County

Union

Existing Population

450,000

Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

Need for Project

The purpose of the proposed Waste Gas Burner Upgrades is to reduce maintenance and increase reliability of the waste gas burner system as well as to install new enclosed flares that meet current NJDEP air quality permitting requirements. The purpose of the proposed Miscellaneous Building Rehabilitation is to perform repairs on various structures throughout the plant to reduce the potential for structural and architectural failures which could pose safety hazards. The purpose of the proposed New Primary Tunnel Building Construction is to eliminate the permit required confined space and to replace severely corroded piping within the existing Primary Tunnel. The tunnel limits access to piping and equipment for maintenance or replacement and can become a safety hazard to plant personnel.

Project Description

Capital Improvement Projects 2019 consisting of the three following projects: Waste Gas Burner Upgrades - replacement of the existing waste gas burners at the Digester Building and Sludge Storage Tanks with state-of-the-art enclosed flares to meet current air emission permitting requirements. Miscellaneous Building Rehabilitation - Rehabilitation of various structures including concrete repairs and/or reconstruction in the Screen House, Old Chlorine Building, Chlorination Building, Aeration Gallery and Waste Gas Building; replacement of brick veneer panels and supporting walls on the Dewatering Building; replacement of the coping and brick facade on the Sludge Storage Tanks. New Primary Tunnel Building Construction - Construction of a new building adjacent to the existing Primary Tunnel at the influent end of the Primary Settling Tanks to eliminate the permit required confined space and replace severely corroded piping in the tunnel and installation of new primary sludge pumps.

Anticipated Recipient:	Newark (JMEUC) City		
Project No.:	S340686-09E	Eligible Project Cost:	$1,363,042
Rank:	268		
County:	Union	Total State Amount:	$1,363,042

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

Project Name, Number	Priority List Rank
Newark (JMEUC) City S340686-09E Sewage Treatment Plant (STP) - Improvement/Upgrade	268

County

Union

Existing Population

450,000

Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

Need for Project

The purpose of the proposed Waste Gas Burner Upgrades is to reduce maintenance and increase reliability of the waste gas burner system as well as to install new enclosed flares that meet current NJDEP air quality permitting requirements. The purpose of the proposed Miscellaneous Building Rehabilitation is to perform repairs on various structures throughout the plant to reduce the potential for structural and architectural failures which could pose safety hazards. The purpose of the proposed New Primary Tunnel Building Construction is to eliminate the permit required confined space and to replace severely corroded piping within the existing Primary Tunnel. The tunnel limits access to piping and equipment for maintenance or replacement and can become a safety hazard to plant personnel.

Project Description

Capital Improvement Projects 2019 consisting of the three following projects: Waste Gas Burner Upgrades - replacement of the existing waste gas burners at the Digester Building and Sludge Storage Tanks with state-of-the-art enclosed flares to meet current air emission permitting requirements. Miscellaneous Building Rehabilitation - Rehabilitation of various structures including concrete repairs and/or reconstruction in the Screen House, Old Chlorine Building, Chlorination Building, Aeration Gallery and Waste Gas Building; replacement of brick veneer panels and supporting walls on the Dewatering Building; replacement of the coping and brick facade on the Sludge Storage Tanks. New Primary Tunnel Building Construction - Construction of a new building adjacent to the existing Primary Tunnel at the influent end of the Primary Settling Tanks to eliminate the permit required confined space and replace severely corroded piping in the tunnel and installation of new primary sludge pumps.

Anticipated Recipient:	Hillside (JMEUC) Township		
Project No.:	S340686-09C	Eligible Project Cost:	$908,430
Rank:	268		
County:	Union	Total State Amount:	$908,430

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

Project Name, Number	Priority List Rank
Hillside (JMEUC) Township S340686-09C Sewage Treatment Plant (STP) - Improvement/Upgrade	268

County

Union

Existing Population

450,000

Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

Need for Project

The purpose of the proposed Waste Gas Burner Upgrades is to reduce maintenance and increase reliability of the waste gas burner system as well as to install new enclosed flares that meet current NJDEP air quality permitting requirements. The purpose of the proposed Miscellaneous Building Rehabilitation is to perform repairs on various structures throughout the plant to reduce the potential for structural and architectural failures which could pose safety hazards. The purpose of the proposed New Primary Tunnel Building Construction is to eliminate the permit required confined space and to replace severely corroded piping within the existing Primary Tunnel. The tunnel limits access to piping and equipment for maintenance or replacement and can become a safety hazard to plant personnel.

Project Description

Capital Improvement Projects 2019 consisting of the three following projects: Waste Gas Burner Upgrades - replacement of the existing waste gas burners at the Digester Building and Sludge Storage Tanks with state-of-the-art enclosed flares to meet current air emission permitting requirements. Miscellaneous Building Rehabilitation - Rehabilitation of various structures including concrete repairs and/or reconstruction in the Screen House, Old Chlorine Building, Chlorination Building, Aeration Gallery and Waste Gas Building; replacement of brick veneer panels and supporting walls on the Dewatering Building; replacement of the coping and brick facade on the Sludge Storage Tanks. New Primary Tunnel Building Construction - Construction of a new building adjacent to the existing Primary Tunnel at the influent end of the Primary Settling Tanks to eliminate the permit required confined space and replace severely corroded piping in the tunnel and installation of new primary sludge pumps.

Anticipated Recipient:	South Orange Village (JMEUC) Township		
Project No.:	S340686-09F	Eligible Project Cost:	$650,806
Rank:	268		
County:	Union	Total State Amount:	$650,806

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

Project Name, Number

South Orange Village (JMEUC) Township
S340686-09F
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

268

County

Union

Existing Population

450,000

Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

Need for Project

The purpose of the proposed Waste Gas Burner Upgrades is to reduce maintenance and increase reliability of the waste gas burner system as well as to install new enclosed flares that meet current NJDEP air quality permitting requirements. The purpose of the proposed Miscellaneous Building Rehabilitation is to perform repairs on various structures throughout the plant to reduce the potential for structural and architectural failures which could pose safety hazards. The purpose of the proposed New Primary Tunnel Building Construction is to eliminate the permit required confined space and to replace severely corroded piping within the existing Primary Tunnel. The tunnel limits access to piping and equipment for maintenance or replacement and can become a safety hazard to plant personnel.

Project Description

Capital Improvement Projects 2019 consisting of the three following projects: Waste Gas Burner Upgrades - replacement of the existing waste gas burners at the Digester Building and Sludge Storage Tanks with state-of-the-art enclosed flares to meet current air emission permitting requirements. Miscellaneous Building Rehabilitation - Rehabilitation of various structures including concrete repairs and/or reconstruction in the Screen House, Old Chlorine Building, Chlorination Building, Aeration Gallery and Waste Gas Building; replacement of brick veneer panels and supporting walls on the Dewatering Building; replacement of the coping and brick facade on the Sludge Storage Tanks. New Primary Tunnel Building Construction - Construction of a new building adjacent to the existing Primary Tunnel at the influent end of the Primary Settling Tanks to eliminate the permit required confined space and replace severely corroded piping in the tunnel and installation of new primary sludge pumps.

Anticipated Recipient:	East Orange (JMEUC) City		
Project No.:	S340686-09A	Eligible Project Cost:	$620,504
Rank:	268		
County:	Union	Total State Amount:	$620,504

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

Project Name, Number

East Orange (JMEUC) City
S340686-09A
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

268

County

Union

Existing Population

450,000

Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

Need for Project

The purpose of the proposed Waste Gas Burner Upgrades is to reduce maintenance and increase reliability of the waste gas burner system as well as to install new enclosed flares that meet current NJDEP air quality permitting requirements. The purpose of the proposed Miscellaneous Building Rehabilitation is to perform repairs on various structures throughout the plant to reduce the potential for structural and architectural failures which could pose safety hazards. The purpose of the proposed New Primary Tunnel Building Construction is to eliminate the permit required confined space and to replace severely corroded piping within the existing Primary Tunnel. The tunnel limits access to piping and equipment for maintenance or replacement and can become a safety hazard to plant personnel.

Project Description

Capital Improvement Projects 2019 consisting of the three following projects: Waste Gas Burner Upgrades - replacement of the existing waste gas burners at the Digester Building and Sludge Storage Tanks with state-of-the-art enclosed flares to meet current air emission permitting requirements. Miscellaneous Building Rehabilitation - Rehabilitation of various structures including concrete repairs and/or reconstruction in the Screen House, Old Chlorine Building, Chlorination Building, Aeration Gallery and Waste Gas Building; replacement of brick veneer panels and supporting walls on the Dewatering Building; replacement of the coping and brick facade on the Sludge Storage Tanks. New Primary Tunnel Building Construction - Construction of a new building adjacent to the existing Primary Tunnel at the influent end of the Primary Settling Tanks to eliminate the permit required confined space and replace severely corroded piping in the tunnel and installation of new primary sludge pumps.

Anticipated Recipient:	Summit (JMEUC) City		
Project No.:	S340686-09G	Eligible Project Cost:	$1,186,322
Rank:	268		
County:	Union	Total State Amount:	$1,186,322

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

Project Name, Number	Priority List Rank
Summit (JMEUC) City S340686-09G Sewage Treatment Plant (STP) - Improvement/Upgrade	268

County

Union

Existing Population

450,000

Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

Need for Project

The purpose of the proposed Waste Gas Burner Upgrades is to reduce maintenance and increase reliability of the waste gas burner system as well as to install new enclosed flares that meet current NJDEP air quality permitting requirements. The purpose of the proposed Miscellaneous Building Rehabilitation is to perform repairs on various structures throughout the plant to reduce the potential for structural and architectural failures which could pose safety hazards. The purpose of the proposed New Primary Tunnel Building Construction is to eliminate the permit required confined space and to replace severely corroded piping within the existing Primary Tunnel. The tunnel limits access to piping and equipment for maintenance or replacement and can become a safety hazard to plant personnel.

Project Description

Capital Improvement Projects 2019 consisting of the three following projects: Waste Gas Burner Upgrades - replacement of the existing waste gas burners at the Digester Building and Sludge Storage Tanks with state-of-the-art enclosed flares to meet current air emission permitting requirements. Miscellaneous Building Rehabilitation - Rehabilitation of various structures including concrete repairs and/or reconstruction in the Screen House, Old Chlorine Building, Chlorination Building, Aeration Gallery and Waste Gas Building; replacement of brick veneer panels and supporting walls on the Dewatering Building; replacement of the coping and brick facade on the Sludge Storage Tanks. New Primary Tunnel Building Construction - Construction of a new building adjacent to the existing Primary Tunnel at the influent end of the Primary Settling Tanks to eliminate the permit required confined space and replace severely corroded piping in the tunnel and installation of new primary sludge pumps.

Anticipated Recipient:	Joint Meeting of Essex & Union Counties		
Project No.:	S340686-08	Eligible Project Cost:	$101,231,766
Rank:	268		
County:	Union	Total State Amount:	$101,231,766

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

Project Name, Number	Priority List Rank
Joint Meeting of Essex & Union Counties S340686-08 Sewage Treatment Plant (STP) - Improvement/Upgrade	268

County

Union

Existing Population

450,000

Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

Need for Project

The purpose of the proposed project is to reduce the impact that natural disasters like Hurricane Sandy could have on the facility in the future and to avoid loss of wastewater service. The proposed project is needed to incorporate resiliency to minimize potential future facility failures, service interruptions and/or loss of service, and to minimize future damages to the critical facilitys infrastructure. In addition, the proposed project will decrease the risk for release of untreated sewage into the environment, thereby protecting public health and natural resources.

Project Description

The Flood Mitigation Project will make the Joint Meeting's facility better able to withstand flooding and other natural disasters. Onsite investigations, reports, environmental assessments and beneficial cost analyses established the need for the construction of the project, including a perimeter floodwall with automatic flood gates; an effluent pumping station to discharge plant effluent against a tidal and storm surge; two (2) storm water pumping stations; and upgrades to the Co-Generation Facility to provide the additional power required.

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340902-16	Eligible Project Cost:	$1,969,800
Rank:	278		
County:	Gloucester	Total State Amount:	$1,969,800

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.288288
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.288288

Project Name, Number | **Priority List Rank**

Gloucester County Utilities Authority
S340902-16 | 278
Sewage Treatment Plant (STP) - Improvement/Upgrade

County

Gloucester

Existing Population

288,288

Service Area

Northern Areas of Gloucester County - Clayton Borough, Deptford Township, East Greenwich Township, Elk Township, Glassboro Borough, Mantua Township, Monroe Township, National Park Borough, Paulsboro Borough, Pitman Borough, Washington Township, Wenonah Borough, West Deptford Township, Westville Borough, Woodbury City and Woodbury Heights Borough.

Need for Project

Equipment replacement and upgrades to the East and West Primary Clarifiers are necessary to keep the units functional and to improve their performance. Existing equipment is aging and approaching the anticipated lifespan for adequate operation.

Project Description

Equipment replacement and upgrades to the East and West Primary Clarifiers.

Anticipated Recipient:	Howell Township		
Project No.:	S344040-02	Eligible Project Cost:	$14,258,859
Rank:	279		
County:	Monmouth	Total State Amount:	$14,258,859

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	550

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.051075
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.051075

Project Name, Number

Howell Township
S344040-02
Sanitary Sewer System - New

Priority List Rank

279

County

Monmouth

Existing Population

51,075

Service Area

The service area for the project is the Freewood Acres section in Howell Township. Howell Township is located in south central Monmouth County and with a land area of 62.10 square miles and a population of approximately 51,198. The project will serve all commercial and residential properties on Route 9 north and south between Georgia Tavern Road/Hulses Corner Road and White Street. Residential properties will include all portions of Freewood Acres on the east and west side of Route 9. The east side will include Wilentz Avenue, Windeler Road between Georgia Tavern Road and the Board of Education property, Georgia Tavern Road from just east of Helen Avenue to Route 9 and all interior portions of the Acres. The west side will include Hulses Corner Road from Route 9 to Smith Street and all interior portions of the Acres. Water bodies and streams within the project area include two streams that flow into Snipes Creek, which leads to Aldrich Lake, and the Metedeconk River watershed.

Need for Project

The project will rectify the issue of failing septic systems within the project area. There are two Category 1 streams in Freewood Acres that flow into Snipes Creek, which leads to Aldrich Lake. The lake currently has very low oxygen attributed directly to the failing septic systems. The Metedeconk River watershed, and subsequently the Barnegat Bay, is also directly impacted by the septic systems in Freewood Acres, which is documented in the Metedeconk River Watershed Protection and Watershed Restoration Plan.

Project Description

This is a project to extend sanitary sewer service to the Freewood Acres section of the Township of Howell and along US Hwy 9 (Route 9) corridor, north of Freewood Acres. Residents of this area currently rely on a combination of wells and septic systems. The project will address ongoing issues that involve failing septic systems and noxious odors in Freewood Acres. The project will also provide a public sanitary sewer system for the commercial properties along Route 9.

Anticipated Recipient:	Madison-Chatham "MCJM" Joint Meeting		
Project No.:	S340715-07	Eligible Project Cost:	$7,289,180
Rank:	279		
County:	Morris	Total State Amount:	$7,289,180

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.025139
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.025139

Project Name, Number	Priority List Rank
Madison-Chatham "MCJM" Joint Meeting S340715-07 Sewage Treatment Plant (STP) - Expansion	279

County

Morris

Existing Population

25,139

Service Area

MCJM's service consists of the Borough's of Madison and Borough of Chatham plus a very small area of Chatham Township

Need for Project

This project is needed for water quality protection by ensuring the MWPCF's ability to continue providing reliable NJPDES Permit compliance into the future.

Project Description

This project consists of improvements to the Molitor Water Pollution Control Facility to replace or repair aging infrastructure which together with the installation of new effluent filtration facilities will enhance performance reliability, resiliency, and efficiency while also reducing the chemical cost of complying with the new effluent limit for phosphorus. This project will not increase the permitted capacity of the MWPCF

Anticipated Recipient:	Parsippany Troy Hills Township		
Project No.:	S340886-04	Eligible Project Cost:	$10,833,981
Rank:	280		
County:	Morris	Total State Amount:	$10,833,981

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	550

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.050649
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.050649

Project Name, Number	Priority List Rank
Parsippany Troy Hills Township S340886-04 Sewage Treatment Plant (STP) - Improvement/Upgrade	280

County

Morris

Existing Population

50,649

Service Area

Denville Township East Hanover Township Montville Township Mountain Lakes Borough Parsippany-Troy Hills Township

Need for Project

The Parsippany-Troy Hills wastewater treatment plant treats sanitary sewer discharges prior to surface water discharge. This proposed project is intended to reduce the Townships reliance on conventional electric power generation methods by substituting a sustainable alternative source of power for the treatment plant which will result in environmental benefits not only in improved water quality but also improving air quality and less reliance on natural resources.

Project Description

The proposed projct includes design and construction of a photovoltaic power system to provide energy to the wastewater treatment plant.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Kearny Municipal Utilities Authority		
Project No.:	S340259-08	Eligible Project Cost:	$708,917
Rank:	281		
County:	Hudson	Total State Amount:	$708,917

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	500
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.040684
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.040684

Project Name, Number	Priority List Rank
Kearny Municipal Utilities Authority S340259-08 Sanitary Sewer System Rehabilitation	281

County

Hudson

Existing Population

40,684

Service Area

Town of Kearny

Need for Project

The project includes the installation of a photo-voltaic system that will capture and convert solar energy to supplement the power demands of the existing pump station.

Project Description

The proposed project includes improvements to the Authoritys Kearny Point Pump Station including installation of a 225 kW photovoltaic system on the property.

Anticipated Recipient:	Rutgers, The State University of New Jersey		
Project No.:	S340500-01	Eligible Project Cost:	$36,000,000
Rank:	282		
County:	Middlesex	Total State Amount:	$36,000,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	550

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.033
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.033

Project Name, Number | **Priority List Rank**

Rutgers, The State University of New Jersey
S340500-01 | 282
Energy Efficiency / Renewable Energy

County

Middlesex

Existing Population

33,000

Service Area

Provides Electricity to the Busch and Livingston Campus along with High temperature Hot water to the Busch Campus for Heating. It serves over 8.5 million square feet of space. Spaces include classrooms, lecture halls, laboratories and research

Need for Project

The project will save 8 million gallons per year of potable water

Project Description

Replacement of the power generating turbines with increased capacity and other related equipment upgrades will cost $30 M. As a result, a conservative estimate of energy cost savings will be $1 M per year, and Market Participation credits will provide rebates of $1.86 M, for an effective savings of $2.86 M in 2016 dollars. New technology will result in a 50% decrease in emissions and elimination of water usage, saving 8 M gallons of water per year.

Anticipated Recipient:	Rutgers, The State University of New Jersey		
Project No.:	S340500-02	Eligible Project Cost:	$49,446,000
Rank:	282		
County:	Essex	Total State Amount:	$49,446,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	550

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.033
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.033

Project Name, Number

Rutgers, The State University of New Jersey
S340500-02
Energy Efficiency / Renewable Energy

Priority List Rank

282

County

Essex

Existing Population

33,000

Service Area

NA

Need for Project

Reduce potable water usage by 8 million gallons

Project Description

The turbines in the plant are at the end of their useful life and use an antiquated water injection system to reduce NOX, which is disallowed under current DEP rules. The turbines have become unreliable and fail regularly, requiring excess maintenance and repairs. Replacement will be required in the near term to maintain a functioning plant. The proposed project consists of: - Replace the 3 existing turbines with three (3) Solar Mercury 50 Turbines with Duct fired slant tube Heat Recovery Steam Generators with an increased capacity of 2.8MW - New Gas Compressor - New Controls and Connections - Switchgear - Alterations to accommodate installation of the larger sized turbines

Anticipated Recipient:	Hammonton Town		
Project No.:	S340927-07	Eligible Project Cost:	$3,866,213
Rank:	284		
County:	Atlantic	Total State Amount:	$3,866,213

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	550

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.014791
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.014791

Project Name, Number | **Priority List Rank**

Hammonton Town
S340927-07 | 284
Decentralized Wastewater (or Septic) System Repair/Replacement

County

Atlantic

Existing Population

14,791

Service Area

This project will benefit all users of the recreation facilities at Boyer Avenue as well as the rate payers of the sanitary sewer system and wastewater treatment facility.

Need for Project

The Boyer Avenue site is currently approved to treat 1.6 MGD of treated wastewater effluent. The currently approved land application method is rapid infiltration utilizing the five existing on-site slit trenches. It is the Town's objective to maximize the on-site recharge and disposal of the treated effluent at this facility. Therefore, utilizing the recreation fields as means of infiltration will meet this objective.

Project Description

(Carryover SFY2015) - The Boyer Avenue facility is currently irrigated using potable quality water from the Towns water system resulting in substantial seasonal demands. Hammonton proposes to install overland effluent recharge and underground drip irrigation systems.This project will allow the Town to meet the requirements of the NJDEP Wastewater Discharge Permit and the Pinelands Commission directive to maximize on-site recharge. The project will also allow the Town to conserve potable water.

Anticipated Recipient:	Northfield City		
Project No.:	S340508-04	Eligible Project Cost:	$720,000
Rank:	285		
County:	Atlantic	Total State Amount:	$720,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	100
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008624
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.008624

Project Name, Number

Northfield City
S340508-04
Sanitary Sewer System Rehabilitation

Priority List Rank

285

County

Atlantic

Existing Population

8,624

Service Area

The entire City population will be serviced by the Asset Management Plan, approximately 1,044 residential connections(2,825 residents), numerous commercial connections plus the City of Northfield Community School which serves over 900 students.

Need for Project

The pump station rehabilitation will ensure that all up-stream pump stations will function and no catastrophic system failure will occur. If this station is down temporarily, by-passing must be implemented using diesel powered pumps to ensure that no sanitary sewer will back up into residents' basements and homes. The new proposed pumps are more energy efficient, therefore the station will use less electricity. Additionally, the proposed permanent gas fired electrical generator will ensure that the pump station will function during any power outage.

Project Description

The City is in need for Sanitary Sewer Asset Management Plan (AMP) to provide an assessment of routine maintenance requirements, opinion of system conditions, staffing requirements and provide replacement cost for budgeting purposes. Also Zion Road pump station was constructed more than 42 years ago which needs rehabilitation, this station consists of wet well to collected the effluents and a deep dry well to house the pumps, valves , alarms and controls. This stations is not running close to its design capacity and in reality it is antiquated due to the setup and the age of this station. The Municipal Public Works Department needs to inspect this station almost on a daily basis, and two employees need to be on site because of the OSHA requirements which puts a strain on the small department. This station receives flows from three pump stations servicing 1,044 homes (30% of Northfield Households) and the Community School and numerous retail establishments and professional offices.

Anticipated Recipient:	Brick Township		
Project No.:	S344030-01	Eligible Project Cost:	$1,029,030
Rank:	286		
County:	Ocean	Total State Amount:	$1,029,030

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.076119
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	540.076119

Project Name, Number	Priority List Rank
Brick Township S344030-01 Stormwater Management - Gray Infrastructure	286

County

Ocean

Existing Population

76,119

Service Area

Brick Township

Need for Project

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

Project Description

The proposed project includes the construction andor retrofit of one or more stormwater basins to improve its ability to remove nitrogen.

Anticipated Recipient:	Manchester Township		
Project No.:	S344070-01	Eligible Project Cost:	$812,885
Rank:	287		
County:	Ocean	Total State Amount:	$812,885

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.038928
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	540.038928

Project Name, Number	Priority List Rank
Manchester Township S344070-01 Stormwater Management - Gray Infrastructure	287

County

Ocean

Existing Population

38,928

Service Area

Manchester Township

Need for Project

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

Project Description

The proposed project includes the construction andor retrofit of one or more stormwater basins to improve its ability to remove nitrogen.

Anticipated Recipient:	Willingboro Municipal Utilities Authority		
Project No.:	S340132-09	Eligible Project Cost:	$4,550,000
Rank:	288		
County:	Burlington	Total State Amount:	$4,550,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.031629
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	540.031629

Project Name, Number	Priority List Rank
Willingboro Municipal Utilities Authority S340132-09 Sewage Treatment Plant (STP) - Improvement/Upgrade	288

County

Burlington

Existing Population

31,629

Service Area

Willingboro Township, and portions of Westampton and Edgewater Park Townships

Need for Project

Removal of screenings and grit at head of treatment plant will lower the organic and inorganic loadings on subsequent treatment processes, which in turn will increase removal efficiencies and enable treatment plant to reduce effluent loadings to discharged to receiving water body.

Project Description

Installation of screening and grit removal equipment.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Barnegat Township		
Project No.:	S344130-01	Eligible Project Cost:	$570,013
Rank:	289		
County:	Ocean	Total State Amount:	$570,013

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.020936
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	540.020936

Project Name, Number	Priority List Rank
Barnegat Township S344130-01 Equipment Purchase (Clean Water)	289

County

Ocean

Existing Population

20,936

Service Area

Township of Barnegat

Need for Project

Cleaning and maintenance of the existing sanitary and stormwater sewer systems.

Project Description

The proposed project includes the purchase of a combination Jet-Vac truck for sanitary and stormwater sewer cleaning and maintenance.

Anticipated Recipient:	Little Egg Harbor Township		
Project No.:	S344060-02	Eligible Project Cost:	$3,958,000
Rank:	290		
County:	Ocean	Total State Amount:	$3,958,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.020065
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	540.020065

Project Name, Number

Little Egg Harbor Township
S344060-02
Stormwater Management - Gray Infrastructure

Priority List Rank

290

County

Ocean

Existing Population

20,065

Service Area

The drainage improvements proposed impact the Mystic Island section of the Township between Radio Road and the end of the cul-de-sac at Twin Lakes Boulevard.

Need for Project

The proposed work is necessary to improve the existing storm drainage infrastructure that is mostly comprised of corrugated metal pipe (CMP) approximately 40 to 50 years old that is deteriorating and undersized to handle the contributing drainage flow. Water quality will be impacted through the potential reduction of sediment and other particulates that would normally accumulate in area properties and roadways after storm events and then drain into the existing collection system, which would ultimately be discharged into uncoded tributaries that feed Big Creek, a Category 1 waterbody according to the NJDEPs Digital GeoWeb Data. Big Creek flows into the Great Bay, which is part of the Mullica Watershed Management Area, and is adjacent to the Barnegat Bay Watershed Management Area.

Project Description

The Township proposes to remove the existing stormwater drainage collection system, which consists of approximately 6,826 linear feet of drainage pipe, 83 inlets, 4 manholes, and 290 linear feet of bulkhead at 13 outfall locations. The Township will replace the above items with a new reconfigured stormwater drainage collection system, which will consist of 8,915 linear feet of new drainage pipe, 112 new inlets, 4 new manholes, 12 new inline check valves, 290 linear feet of new bulkhead at 13 outfall locations, and the restoration of paved and un-paved areas.

Anticipated Recipient:	Little Egg Harbor Township		
Project No.:	S344060-01	Eligible Project Cost:	$2,954,323
Rank:	291		
County:	Ocean	Total State Amount:	$2,954,323

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.015945
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	540.015945

Project Name, Number	Priority List Rank
Little Egg Harbor Township S344060-01 Stormwater Management - Gray Infrastructure	291

County

Ocean

Existing Population

15,945

Service Area

Little Egg Harbor Township

Need for Project

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

Project Description

The proposed project includes the construction andor retrofit of one or more stormwater basins to improve its ability to remove nitrogen. Also included in the project is the purchase of a vacuum filter street sweeper and hydrodynamic separators.

Anticipated Recipient:	Hightstown Borough		
Project No.:	S340915-05	Eligible Project Cost:	$1,369,569
Rank:	292		
County:	Mercer	Total State Amount:	$1,369,569

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.005494
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	540.005494

Project Name, Number

Hightstown Borough
S340915-05
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

292

County

Mercer

Existing Population

5,494

Service Area

The entire Borough of Hightstown.

Need for Project

NJDEP has included a condition in the NJPDES permit requiring the AWWTP to monitor and record the levels of bromodichloromethane in its Discharge Monitoring Report (DMR). Though no violations are to be levied at this time, limits of bromodichloromethane were established. If these limits are exceeded, the Borough needs to provide a plan addressing the steps that need to be taken to meet the requirements in the next permit renewal. The major source of bromodichloromethane in wastewater is the addition of chlorine prior to discharge from the AWWTP. The Borough is considering replacing the current chlorine disinfection system with an ultra violet disinfection system to greatly reduce or possibly eliminate the potential production of bromodichloromethane.

Project Description

The existing chlorine contact chambers will be replaced by the UV disinfection system. Since there are two chambers the conversion will be completed in two phases. This will allow for continuing disinfection while the first chamber is modified to accept the UV unit. Once completed the second chlorine contact chamber will be modified to accept the second UV disinfection unit. When completed the AWWTP will not be utilizing chlorine for disinfection and the possibility of producing Bromodichloromethane will be eliminated.

Anticipated Recipient:	Hightstown Borough		
Project No.:	S340915-06	Eligible Project Cost:	$1,441,211
Rank:	292		
County:	Mercer	Total State Amount:	$1,441,211

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.005494
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	540.005494

Project Name, Number	Priority List Rank
Hightstown Borough S340915-06 Sewage Treatment Plant (STP) - Expansion	292

County

Mercer

Existing Population

5,494

Service Area

The entire Borough of Hightstown.

Need for Project

The digester is used for holding, blending and digesting bio-solids. Currently, the digestion time is insufficient to meet the needs of the system. Construction of a second anaerobic digester will allow for longer detention time which will result in an increase of solids content and biogas creation and decrease in organic matter that will need to be processed. The second digester will decrease upkeep costs, increase system efficiency and allow continuous use of the system during maintenance and repairs.

Project Description

The Borough is proposing the construction of a second anaerobic digester. This will allow longer detention time for the solids sent to the digester thus allowing for extended digestion time and an increase of solids content. This will be a benefit to the Borough and their treatment and disposal of biosolids. This also provides for duplicity of treatment for the maintenance and upkeep of each digester. The Borough proposes to construct a second anaerobic digester on-site to provide not just duplicity but to allow for extended detention time for increased digestion and percent solids.

Anticipated Recipient:	Lakehurst Borough		
Project No.:	S344150-01	Eligible Project Cost:	$515,681
Rank:	294		
County:	Ocean	Total State Amount:	$515,681

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.002522
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	540.002522

Project Name, Number	Priority List Rank
Lakehurst Borough S344150-01 Equipment Purchase (Clean Water)	294

County

Ocean

Existing Population

2,522

Service Area

Lakehurst Borough

Need for Project

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

Project Description

The proposed project includes the purchase of a street sweeper jetvac truck and salt brine prod. system anti-icer.

Anticipated Recipient:	Lacey Township		
Project No.:	S344140-01	Eligible Project Cost:	$325,651
Rank:	295		
County:	Ocean	Total State Amount:	$325,651

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	5
			Population	0.025346
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	530.025346

Project Name, Number	Priority List Rank
Lacey Township S344140-01 Equipment Purchase (Clean Water)	295

County

Ocean

Existing Population

25,346

Service Area

Lacey Township

Need for Project

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

Project Description

The proposed project includes the purchase of a regenerative air sweeper.

Anticipated Recipient:	Ocean County		
Project No.:	S344080-06	Eligible Project Cost:	$2,718,518
Rank:	296		
County:	Ocean	Total State Amount:	$2,718,518

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.6
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.6

Project Name, Number

Ocean County
S344080-06
Non-Point Source (NPS) Pollution Controls

Priority List Rank

296

County

Ocean

Existing Population

600,000

Service Area

Ocean County

Need for Project

Barnegat Bay has been classified as highly eutrophic by both state and federal authorities. This eutrophication which continues to threaten ecological health of the Bay is particularly the result of excessive pollutant loading. Total suspended solids have been identified as one of the primary pollutants that can adversely affect the quality of water in the Bay. Reductions in the amount of total suspended solids floatables and other harmful pollutants delivered to the Bay by streams and waterways are primary objectives of both the Barnegat Bay Partnership and the New Jersey Department of Environmental Protections (NJDEP) Barnegat Bay Initiative. The need for the proposed project is evident in the fact that it is intended to reduce stormwater-borne total suspended solids and floatables from a highly developed drainage areas that discharge directly into the Barnegat Bays stream network.

Project Description

Construction of a regional automated truck wash for use by County Departments and municipalities. Currently there are no privately operated truck wash facilities in the County and only two public facilties which are both located in the northern part of the County. This facility would serve the needs of the southern part of the County. Recycling of the washwater will be incorporated into the design.

Anticipated Recipient:	Ocean County		
Project No.:	S344080-04	Eligible Project Cost:	$3,217,620
Rank:	296		
County:	Ocean	Total State Amount:	$3,217,620

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.6
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.6

Project Name, Number	Priority List Rank
Ocean County S344080-04 Stormwater Management - Gray Infrastructure	296

County

Ocean

Existing Population

600,000

Service Area

The service area consists of the drainage area that discharges to each individual outfall. The service area is mainly comprised of County roads and residential neighborhoods. The drainage area acreage has been provided in the Environmental Planning Document.

Need for Project

The water quality need for this project is to remove total suspended solids and float-able pollutants from the storm water system prior to discharging runoff into the Toms River in an effort to improve the water quality of Barnegat Bay.

Project Description

Manufactured Treatment Devices will be installed within existing storm water systems immediately upstream of various outfalls along the north side of the Toms River and along lagoons and tributaries to Barnegat Bay.

Anticipated Recipient:	Ocean County		
Project No.:	S344080-10	Eligible Project Cost:	$240,000
Rank:	298		
County:	Ocean	Total State Amount:	$240,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.576567
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.576567

Project Name, Number	Priority List Rank
Ocean County S344080-10 Equipment Purchase (Clean Water)	298

County

Ocean

Existing Population

576,567

Service Area

This piece of equipment will be used throughout Ocean County.

Need for Project

The need for this piece of equipment is to examine, clean, and restore the stormwater pipes that discharge into Barnegat Bay.

Project Description

The Camera Pipe Line Inspection System is a piece of equipment that will be used by the Ocean County Road Department to evaluate the condition of the stormwater drainage pipes, locate compromised sections of pipe, and locate blockages, so that sediment and debris can be removed from the stormwater before it outfalls into the tributaries of Barnegat Bay. The equipment is a Cues CCTV Camera Pipe Line Inspection Truck (Ford E-450) with an OZ2 camera and steerable Pipe Ranger Wheeled Transporter.

Anticipated Recipient:	Ocean County		
Project No.:	S344080-11	Eligible Project Cost:	$336,000
Rank:	298		
County:	Ocean	Total State Amount:	$336,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.576567
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.576567

Project Name, Number	Priority List Rank
Ocean County S344080-11 Equipment Purchase (Clean Water)	298

County

Ocean

Existing Population

576,567

Service Area

This piece of equipment will be used throughout Ocean County.

Need for Project

The Mechanical Street Sweeper is a piece of equipment that will improve the water quality of Barnegat Bay by removing sediment and debris from the roads before it enters the stormwater drainage pipes.

Project Description

The Mechanical Street Sweeper is a piece of equipment that has a six wheel single engine broom street sweeper with a cleated belt conveyor. The Mechanical Street Sweeper is a piece of equipment that will be used by the Ocean County Road Department to remove sediment and debris off of the roads before it enters the stormwater drainage pipes and discharges into the tributaries of Barnegat Bay.

Anticipated Recipient:	Rockaway Valley Regional Sewer Authority		
Project No.:	S340821-07	Eligible Project Cost:	$3,997,392
Rank:	300		
County:	Morris	Total State Amount:	$3,997,392

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.093
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.093

Project Name, Number	Priority List Rank
Rockaway Valley Regional Sewer Authority S340821-07 Sewage Treatment Plant (STP) - Improvement/Upgrade	300

County

Morris

Existing Population

93,000

Service Area

The member municipalities that are served by RVRSA are: Town of Boonton, Township of Boonton, Township of Denville, Township of Randolph, Borough of Rockaway, Township of Rockaway, Town of Dover, Borough of Victory Gardens and the Borough of Wharton. The Township of Mine Hill and the Picatinney Arsenal are served as customers.

Need for Project

To maintain and enhance treatment system reliability in achieving NJPDES Permit compliance and water quality protection.

Project Description

The Proposed Project consists of rehabilitation and enhancement of the final clarifiers and will include replacement of the existing sludge collector mechanisms including a larger center well for improved flocculation replacement of electrical components of the sludge collection equipment filling in the square corners of the final clarifier tanks to better accommodate the circular collector mechanisms replacement of weirs and baffles addition of density current baffles replacement of walkway and ladder replacement and upgrade and replacement of various valves.

Anticipated Recipient:	Rockaway Valley Regional Sewer Authority		
Project No.:	S340821-08	Eligible Project Cost:	$15,439,092
Rank:	300		
County:	Morris	Total State Amount:	$15,439,092

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.093
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.093

Project Name, Number	Priority List Rank
Rockaway Valley Regional Sewer Authority S340821-08 Sewage Treatment Plant (STP) - Improvement/Upgrade	300

County

Morris

Existing Population

93,000

Service Area

The member municipalities that are served by RVRSA are: Town of Boonton, Township of Boonton, Township of Denville, Township of Randolph, Borough of Rockaway, Township of Rockaway, Town of Dover, Borough of Victory Gardens and the Borough of Wharton. The Township of Mine Hill and the Picatinney Arsenal are served as customers.

Need for Project

The project is needed to (1) enable compliance with the future stringent effluent limitation for total phosphorus and thereby improve water quality and (2) to enhance the reliability of performance and compliance and thereby protect water quality.

Project Description

This project consists of upgrades to enable compliance with a future more stringent effluent limitation for phosphorus by the addition of a chemical storage and feed system automate the biological nutrient removal process and thereby minimize chemical consumption implement additional SCADA improvement to enhance monitoring and control modify and improve return and waste sludge pumping systems implement oxidation ditch structural and mechanical improvements and add effluent filtration to enhance the overall reliability of compliance.

Anticipated Recipient:	Ocean County		
Project No.:	S344080-09	Eligible Project Cost:	$1,123,750
Rank:	302		
County:	Ocean	Total State Amount:	$1,123,750

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.075905
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.075905

Project Name, Number	Priority List Rank
Ocean County S344080-09 Stormwater Management - Gray Infrastructure	302

County

Ocean

Existing Population

75,905

Service Area

The service area consists of the drainage area collected by the storm water pipe system that is being retrofitted and treated by the manufactured treatment device, although the population being served and benefiting from this project would be the people who live near and/or use Barnegat Bay.

Need for Project

Barnegat Bay has been classified as highly impaired by both state and federal authorities. The ecological health of the Bay continues to be threatened by excessive nutrient loading and non-point source pollution. Total suspended solids have been identified as one of the primary pollutants that can adversely affect the quality of water in the Bay. Reductions in the amount of total suspended solids, floatables, and other harmful pollutants delivered to the bay by streams and waterways are primary objectives of the New Jersey Department of Environmental Protections (NJDEP) Barnegat Bay Initiative. The need for the proposed project is evident in the fact that it is intended to reduce stormwater-borne suspended solids and floatables from highly developed drainage areas that discharge directly into the Barnegat Bays stream network.

Project Description

The proposed project involves retrofitting 5 existing storm water conveyance systems to include Manufactured Treatment Devices (MTD) for the purpose of removing total suspended solids and floatables from storm water runoff prior to entering Barnegat Bay.

Anticipated Recipient:	Western Monmouth Utilities Authority		
Project No.:	S340128-06	Eligible Project Cost:	$12,010,000
Rank:	303		
County:	Monmouth	Total State Amount:	$12,010,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.065923
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.065923

Project Name, Number

Western Monmouth Utilities Authority
S340128-06
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

303

County

Monmouth

Existing Population

65,923

Service Area

The WMUA provides sewage disposal services to the Townships of Manalapan and Marlboro, the Borough of Englishtown and a portion of the Township of Freehold.

Need for Project

The improvements proposed under WMUAs capital work program are largely necessitated to maintain continued operation of the existing treatment process and to minimize the possibility of potential failure of treatment plant components. Failure of treatment plant components would result in a violation of the WMUAs New Jersey Pollutant Discharge Elimination System (NJPDES) permit and may also potentially result in sewage spills and/or surcharge of the system, causing a hazard to the adjacent Pine Brook.

Project Description

WMUA proposes various improvements to several treatment unit processes under the proposed Pine Brook Sewage Treatment Plant Improvements Project. These include improvements to its raw sewage pumping station; replacement of its existing plastic lined equalization basin with a new concrete tank; replacement of its six (6) pressure filter tank vessels; improvements to its existing digester building HVAC equipment; and replacement of its existing digester system piping and valving.

Anticipated Recipient:	Jackson Township		
Project No.:	S344050-02	Eligible Project Cost:	$998,980
Rank:	304		
County:	Ocean	Total State Amount:	$998,980

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.054856
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.054856

Project Name, Number	Priority List Rank
Jackson Township S344050-02 Equipment Purchase (Clean Water)	304

County

Ocean

Existing Population

54,856

Service Area

101 sq miles

Need for Project

1 prevent or remediate nonpoint source pollution. 2 reduce nonpoint source pollution, 3 a direct water quality benefit.

Project Description

(Equipment Loan) - The proposed project includes purchase of a Jet-Vac/Street Sweeper.

Anticipated Recipient:	Landis Sewerage Authority		
Project No.:	S340461-05	Eligible Project Cost:	$3,603,428
Rank:	305		
County:	Cumberland	Total State Amount:	$3,603,428

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.05478
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.05478

Project Name, Number | **Priority List Rank**

Landis Sewerage Authority
S340461-05 | 305
Sewage Treatment Plant (STP) - Improvement/Upgrade

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 gritscum 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 $10000yr. Metering will be by two Parshall flumes chart recorded and mechanical barscreens. The gritgrease 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:	Lacey Township		
Project No.:	S344140-02	Eligible Project Cost:	$1,559,000
Rank:	306		
County:	Ocean	Total State Amount:	$1,559,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.028273
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.028273

Project Name, Number

Lacey Township
S344140-02
Stormwater Management - Gray Infrastructure

Priority List Rank

306

County

Ocean

Existing Population

28,273

Service Area

The population served by the project is the Township of Lacey, a 98.53 square mile coastal town in Ocean County, New Jersey. The southeasterly portion of the Township will benefit from the project, as measures will be implemented to replace aging infrastructure. The project is located on public property in a man-made lagoon. The project site is located between Yacht Basin Plaza North and Yacht Basin Plaza South and east of Lakeside Drive East, with the surrounding land uses being a mix of commercial and residential. The marina is located at the northern edge of a peninsula between the North Branch of the Forked River (north) and Middle Branch of the Forked River (south).

Need for Project

There are signs of erosion landward along the bulkhead, sinkholes form and cause safety hazards. The DPW routinely fills in the sinkholes to maintain public safety and structural integrity of the bulkhead and roadway. This erosion impacts the stability of the existing stormwater infrastructure and the surrounding area. Reconstruction of the bulkhead will rectify a safety and structural stability issue and eliminate the pollution and sedimentation caused by the breaches through the existing bulkhead. Elevation of the bulkhead will mitigate flooding in the project area. Due to local geography and proximity to the ocean, Lacey is susceptible to coastal flooding. The adjacent streets are some of the lowest road elevations in the Township. The project will tie into a similar bulkhead along Lakeside Drive East being replaced under a separate project. The project will also assist in reducing float-able pollutants, which is a result of bulkhead erosion, being discharged into the river.

Project Description

This is a Stormwater Management - Green Infrastructure project that impacts the Barnegat Bay Watershed. There is also a resiliency component to the project. The project includes bulkhead reconstruction and elevation, and stormwater conveyance improvements. The new bulkhead will be elevated from the existing conditions, providing a resiliency component to the project by reducing nuisance flooding of the marina area and adjacent residential neighborhoods. Stormwater conveyance infrastructure in the project area will be retrofitted and/or replaced to improve quality of runoff and reduce backflow from the lagoon. The plan also calls for elevation of the surrounding roads and utility infrastructure (power supply, potable water), further enhancing the resiliency aspect of the project. The Township is also considering improvements to the restroom building parking area across Yacht Basin Plaza South from the Marina.

Anticipated Recipient:	Madison (MCJM) Borough		
Project No.:	S340715-07B	Eligible Project Cost:	$7,289,180
Rank:	307		
County:	Morris	Total State Amount:	$7,289,180

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.025139
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.025139

Project Name, Number	Priority List Rank
Madison (MCJM) Borough S340715-07B Sewage Treatment Plant (STP) - Expansion	307

County

Morris

Existing Population

25,139

Service Area

MCJM's service consists of the Borough's of Madison and Borough of Chatham plus a very small area of Chatham Township

Need for Project

This project is needed for water quality protection by ensuring the MWPCF's ability to continue providing reliable NJPDES Permit compliance into the future.

Project Description

This project consists of improvements to the Molitor Water Pollution Control Facility to replace or repair aging infrastructure which together with the installation of new effluent filtration facilities will enhance performance reliability, resiliency, and efficiency while also reducing the chemical cost of complying with the new effluent limit for phosphorus. This project will not increase the permitted capacity of the MWPCF

Anticipated Recipient:	Chatham (MCJM) Borough		
Project No.:	S340715-07A	Eligible Project Cost:	$7,289,180
Rank:	307		
County:	Morris	Total State Amount:	$7,289,180

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.025139
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.025139

Project Name, Number	Priority List Rank
Chatham (MCJM) Borough S340715-07A Sewage Treatment Plant (STP) - Expansion	307

County

Morris

Existing Population

25,139

Service Area

MCJM's service consists of the Borough's of Madison and Borough of Chatham plus a very small area of Chatham Township

Need for Project

This project is needed for water quality protection by ensuring the MWPCF's ability to continue providing reliable NJPDES Permit compliance into the future.

Project Description

This project consists of improvements to the Molitor Water Pollution Control Facility to replace or repair aging infrastructure which together with the installation of new effluent filtration facilities will enhance performance reliability, resiliency, and efficiency while also reducing the chemical cost of complying with the new effluent limit for phosphorus. This project will not increase the permitted capacity of the MWPCF

Anticipated Recipient:	Point Pleasant Borough		
Project No.:	S344210-01	Eligible Project Cost:	$318,067
Rank:	309		
County:	Ocean	Total State Amount:	$318,067

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.019306
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.019306

Project Name, Number	Priority List Rank
Point Pleasant Borough S344210-01 Stormwater Management - Gray Infrastructure	309

County

Ocean

Existing Population

19,306

Service Area

Point Pleasant Borough

Need for Project

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

Project Description

The proposed project includes retrofitting storm drain inlet.

Anticipated Recipient:	Beachwood Borough		
Project No.:	S344010-02	Eligible Project Cost:	$708,917
Rank:	310		
County:	Ocean	Total State Amount:	$708,917

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.011045
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.011045

Project Name, Number

Beachwood Borough
S344010-02
Stormwater Management - Gray Infrastructure

Priority List Rank

310

County

Ocean

Existing Population

11,045

Service Area

Borough of Beachwood

Need for Project

The Borough is located on the Toms River which discharges directly into the Barnegat Bay. The runoff from the Beachwood Beach outfall consists of storm water from the wooded and paved areas in the drainage area. The catch basins upstream of the outfall do not have the capability to reduce suspended solids. The hydrodynamic separator is the logical BMP at this location due to the close proximity of the drainage area to the river and the lack of space in this developed area to provide a storm water management basin or other facility to intercept and treat solids, sediments and other pollutants. Evidence of a water quality based need for measures to reduce non-point pollution in Beachwood Borough is provided by the results of testing for water quality at the Beachwood beaches. In many cases the water quality of many beaches is adversely impacted by contaminated storm water runoff. Information published by the National Resources Defense Council in Testing the Waters, 2010 listed the Beachwood Beach West in a list of 15 beaches in the nation with more than 25 samples exceeding the EPAs Single Sample Maximum Standards for designated beach areas each year, 2006- 2009. In 2009 alone, of 47 samples at the Beachwood Beach west, the EPA maximum standards were exceeded over 50% of the time. The outfall is located near the Borough beach and serves as the discharge point for the associated parking area . The drainage is 4.65 acres and includes paved areas.

Project Description

The proposed project includes relocating existing outfall pipe #1 and #2 and installing lift station (pump station) to accommodate the outfall relocation in order improve water quality and stormwater flooding.

Anticipated Recipient:	Beachwood Borough		
Project No.:	S344010-01	Eligible Project Cost:	$980,378
Rank:	311		
County:	Ocean	Total State Amount:	$980,378

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.010375
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.010375

Project Name, Number	Priority List Rank
Beachwood Borough S344010-01 Stormwater Management - Gray Infrastructure	311

County

Ocean

Existing Population

10,375

Service Area

Beachwood Borough

Need for Project

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

Project Description

The proposed project includes the construction andor retrofit of one or more stormwater basins to improve its ability to remove nitrogen. Also included in the project is the purchase of a vacuum filter street sweeper and hydrodynamic separators.

Anticipated Recipient:	Millstone Township		
Project No.:	S344160-01	Eligible Project Cost:	$360,245
Rank:	312		
County:	Monmouth	Total State Amount:	$360,245

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00897
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.00897

Project Name, Number	Priority List Rank
Millstone Township S344160-01 Stormwater Management - Gray Infrastructure	312

County

Monmouth

Existing Population

8,970

Service Area

Millstone Township

Need for Project

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

Project Description

The proposed project includes the purchase of a vacuum truck manufactured treatment devices and other stormwater sewer system improvements.

Anticipated Recipient:	Wildwood City		
Project No.:	S340664-06	Eligible Project Cost:	$15,713,009
Rank:	313		
County:	Cape May	Total State Amount:	$15,713,009

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.005325
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.005325

Project Name, Number

Wildwood City
S340664-06
Sanitary Sewer System Rehabilitation

Priority List Rank

313

County

Cape May

Existing Population

5,325

Service Area

The service area that will be affected by Phases I, II, and III of this project is the North western portion of the City of Wildwood. This includes water service areas that are north of Park Boulevard and west of Cedar Avenue. Phases 1, 2, and 3 will collectively include the replacement of sanitary sewer main on the following streets: Cresse Avenue Hildreth Avenue Bennett Avenue Leaming Avenue Hand Avenue Taylor Avenue Andrews Avenue Burk Avenue Montgomery Avenue Baker Avenue Roberts Avenue Garfield Avenue Lincoln Avenue Mediteranean Avenue Susquehanna Avenue Hudson Avenue. They will also collectively include the replacement of storm water pipe on the following streets: Cresse Avenue Hildreth Avenue Bennett Avenue Leaming Avenue Hand Avenue Taylor Avenue Andrews Avenue Burk Avenue Lincoln Avenue Niagara Avenue Susquehanna Avenue Hudson Avenue. Additionally, the proposed storm water pump station (Phase 2) is located adjacent to Susquehanna Avenue and Taylor Avenue.

Need for Project

The purpose of this project is to replace the City's aged sanitary sewer main system in phases, as well as install storm water piping and pump stations. The sanitary sewer work will serve as a rehabilitation of the existing system by replacing sanitary main in the areas indicated in the service area description, so to properly maintain the City's existing system. The storm water work will serve as construction of new piping and pump stations which will serve the purpose of alleviating the severe flooding this portion of the island experiences, as well as being a measure to improve the infiltration due to flooding. Both purposes would greatly improve public safety.

Project Description

The City of Wildwood is proposing to replace the outdated sanitary sewer, water and storm drainage systems throughout the City in a seven (7) phase plan. The proposed sanitary sewer work will be primarily to update the currently outdated/ failing system. The proposed water work will include the replacement of water main and services that are also currently outdated and failing. The proposed storm drainage work will include the installation of new storm water pipe throughout various areas of the City where it does not currently exist, as well as the construction of three (3) storm water pump stations. Each of the seven (7) phases will involve either milling and overlaying or full-depth reconstruction of the affected roadways as well. This application is being submitted to request a loan for the clean water-related (sanitary sewer and storm water) portion of Phases 1 - 3 of this seven (7) phase plan.

Anticipated Recipient:	Point Pleasant Beach Borough		
Project No.:	S344190-02	Eligible Project Cost:	$8,944,264
Rank:	314		
County:	Ocean	Total State Amount:	$8,944,264

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.004665
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.004665

Project Name, Number

Point Pleasant Beach Borough
S344190-02
Stormwater Management - Gray Infrastructure

Priority List Rank

314

County

Ocean

Existing Population

4,665

Service Area

Little Silver Lake drains an approximate 250 acre watershed which include a state highway and several county roads. Improvement of the drainage will effect the area and the traveling public that utilizes the roadway network in the area.

Need for Project

Dredging the lake will remove the sediments that have accumulated for decades within the lake as well as decaying organic matter that might be present. The dredging will improve the depth at the inflow of the lake and improve circulation thereby benefiting water quality.

Project Description

Dredging of Little Silver Lake to remove accumulated sediments and storm sediments from the lake. In addition, reconstruct the existing failing bulkhead at the west end of the lake and replace the dilapidated weir structure that serves to regulate the lake water surface elevation. Finally provide for the installation of self regulating tide gates to provide resiliency and storm protection from higher tide events.

Anticipated Recipient:	Ocean Gate Borough		
Project No.:	S344180-01	Eligible Project Cost:	$2,303,933
Rank:	315		
County:	Ocean	Total State Amount:	$2,303,933

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.002076
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.002076

Project Name, Number	Priority List Rank
Ocean Gate Borough S344180-01 Stormwater Management - Gray Infrastructure	315

County

Ocean

Existing Population

2,076

Service Area

n/a

Need for Project

n/a

Project Description

(Carryover SFY2015) - The proposed project includes the purchase of a street sweeper truck jet vac truck and manufactured treatment devices.

Anticipated Recipient:	Pine Beach Borough		
Project No.:	S344090-01	Eligible Project Cost:	$437,413
Rank:	316		
County:	Ocean	Total State Amount:	$437,413

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00195
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.00195

Project Name, Number	Priority List Rank
Pine Beach Borough S344090-01 Stormwater Management - Gray Infrastructure	316

County

Ocean

Existing Population

1,950

Service Area

Pine Beach Borough

Need for Project

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

Project Description

The proposed project includes the construction andor retrofit of one or more stormwater basins to improve its ability to remove nitrogen. Also included in the project is the purchase of a tow-behind leaf vacuum and manufactured treatment devices.

Anticipated Recipient:	Bay Head Borough		
Project No.:	S344120-01	Eligible Project Cost:	$250,886
Rank:	317		
County:	Ocean	Total State Amount:	$250,886

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001238
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.001238

Project Name, Number	Priority List Rank
Bay Head Borough S344120-01 Equipment Purchase (Clean Water)	317

County

Ocean

Existing Population

1,238

Service Area

Borough of Bay Head

Need for Project

Clear debris and silt from roadways before entering waterways.

Project Description

(Carryover SFY2015) - The proposed project includes the purchase of a combination trailer-mounted vacuum cleanersewer jet.

Anticipated Recipient:	Roosevelt Borough		
Project No.:	S340761-03	Eligible Project Cost:	$161,675
Rank:	318		
County:	Monmouth	Total State Amount:	$161,675

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.000882
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.000882

Project Name, Number	Priority List Rank
Roosevelt Borough S340761-03 Sewage Treatment Plant (STP) - Improvement/Upgrade	318

County

Monmouth

Existing Population

882

Service Area

The Borough of Roosevelt.

Need for Project

The controls for the STP were installed in the early 1990s and utilize mercury switches and outdated level controls. The technology has changed and the existing equipment and controllers are difficult to replace and locate each time they need to be replaced. The replacement of the controls has become a necessity for the proper and efficient operation of the STP.

Project Description

The Borough STP control system utilizes mercury switches and mercury controls. Replacement of parts has become difficult and the components are in need of repairs and improvements. The Borough has decided to undertake the replacement of the STP controls with present technology and equipment.

Anticipated Recipient:	Roosevelt Borough		
Project No.:	S340761-04	Eligible Project Cost:	$1,744,000
Rank:	318		
County:	Monmouth	Total State Amount:	$1,744,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.000882
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.000882

Project Name, Number

Roosevelt Borough
S340761-04
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

318

County

Monmouth

Existing Population

882

Service Area

The entire Borough of Roosevelt.

Need for Project

The concrete structure for the trickling filters has deteriorated and is in a condition where they must be replaced. The mechanical equipment including nozzles and the plastic media are past their useful life and they must be replaced to operate the WWTP to meet permit conditions. It is in the best interest of the Borough to replace the trickling filters with either new units or utilize an alternate method of either an attached growth or suspended growth process. Due to limited space, the project will be phased to keep one trickling filter online while the second is taken offline and demolished. Once the first unit is replaced, the second unit will be taken offline and it will be replaced.

Project Description

The existing trickling filters at the Borough of Roosevelt's Wastewater Treatment Plant (WWTP) are at a point of requiring replacement. The concrete structures have developed structural cracks and the filter plate has deteriorated to the point that aggregate (stones) from the concrete are entering the recirculating pumps and causing damage to the impellers and clogging of the pumps. Due to the age and use of existing trickling filters, the plastic media is failing and the mechanical equipment is operating poorly and the nozzles are clogging. The trickling filters will be replaced with Rotating Biological Contractors (RBC) or other attached growth process to replace them. This will require a project performed in phases as only one trickling filter can be taken out of service and demolished at a time to allow for construction of the RBC. In addition, the recirculation pumps will be replaced, the pump chamber modified to allow for new pumps, and to replace outdated controls.

Anticipated Recipient:	New Jersey Water Supply Authority		
Project No.:	S340421-02	Eligible Project Cost:	$82,822,000
Rank:	320		
County:	Hunterdon	Total State Amount:	$82,822,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	1.5
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	501.5

Project Name, Number	Priority List Rank
New Jersey Water Supply Authority S340421-02 Sewage Treatment Plant (STP) - Improvement/Upgrade	320

County

Hunterdon

Existing Population

1,500,000

Service Area

The Round Valley Reservoir is part of Raritan Basin System, which provides the basic source of raw water supply to a number of public and private water utilities serving more than 1,500,000 people in central New Jersey. It is located in Clinton Township, Hunterdon County and is filled by pumping with water from the South Branch of the Raritan River via the Authority-owned South Branch Pumping Station. Water is released into the South Branch of the Rockaway Creek, a tributary to the main stem of the Raritan River or water is released to the South Branch of the Raritan River. The released water helps to maintain minimum passing flows in the South Branch and main stem Raritan River.

Need for Project

The integrity of the structures in the Spruce Run-Round Valley Reservoir system is integral to compliance with the requirement to maintain minimum passing flows in the Raritan River at 3 locations. Passing flows maintained by releases from the outlet structures at Round Valley and Spruce Run maintain ecological health of the river. Permitted discharges from downstream wastewater treatment plants also rely on these passing flows, therefore, the reservoir structures protect water quality. Catastrophic failure of these structures would result in the inundation of many downstream land uses including critical wastewater infrastructure. Refurbishing the structures now will provide long term risk reduction and increased resiliency for vital downstream infrastructure including water and wastewater treatment plants. Engineering design standards have advanced since the structures were designed and built.

Project Description

Decrease seepage by grouting at North and South Dam abutments; enhance, replace and/or install additional filters and drainage improvement features (chimney drain) on downstream side of dams; install and improve instrumentation; flatten downstream slopes to increase stability of dams; remove and replace previous repair to South Dam; repair leak near the invert of the South Dam Tower; replace 10-inch pipe connecting force main and South Dam valve vault; study, repair, replace and/or abandon low-level valve release at South Dam; full inspection and repairs to all existing reservoir structures; rehabilitation of pumps #4, #5, #7, and #8 at South Branch Pumping Station; refill reservoir by pumping; dredging of inlet channel at South Dam Tower.

Anticipated Recipient:	New Jersey Water Supply Authority		
Project No.:	S340421-03	Eligible Project Cost:	$82,822,000
Rank:	320		
County:	Hunterdon	Total State Amount:	$82,822,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	1.5
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	501.5

Project Name, Number	Priority List Rank
New Jersey Water Supply Authority S340421-03 Sewage Treatment Plant (STP) - Improvement/Upgrade	320

County

Hunterdon

Existing Population

1,500,000

Service Area

The Round Valley Reservoir is part of Raritan Basin System, which provides the basic source of raw water supply to a number of public and private water utilities serving more than 1,500,000 people in central New Jersey. It is located in Clinton Township, Hunterdon County and is filled by pumping with water from the South Branch of the Raritan River via the Authority-owned South Branch Pumping Station. Water is released into the South Branch of the Rockaway Creek, a tributary to the main stem of the Raritan River or water is released to the South Branch of the Raritan River. The released water helps to maintain minimum passing flows in the South Branch and main stem Raritan River.

Need for Project

The integrity of the structures in the Spruce Run-Round Valley Reservoir system is integral to compliance with the requirement to maintain minimum passing flows in the Raritan River at 3 locations. Passing flows maintained by releases from the outlet structures at Round Valley and Spruce Run maintain ecological health of the river. Permitted discharges from downstream wastewater treatment plants also rely on these passing flows, therefore, the reservoir structures protect water quality. Catastrophic failure of these structures would result in the inundation of many downstream land uses including critical wastewater infrastructure. Refurbishing the structures now will provide long term risk reduction and increased resiliency for vital downstream infrastructure including water and wastewater treatment plants. Engineering design standards have advanced since the structures were designed and built.

Project Description

Decrease seepage by grouting at abutments; enhance, replace and/or install additional filters and drainage improvement features (chimney drain); install and improve instrumentation; flatten slopes to increase stability; remove and replace previous repairs to south structure; reestablish survey monumentation; install and improve security cameras; repair leak near the invert of the south tower; replace 10-inch pipe connecting force main and south valve vault; study, repair, replace and/or abandon low-level valve release; full inspection of all reservoir structures; rehabilitation of pumps #4, #5, #7, and #8 at South Branch Pumping Station; refill reservoir by pumping.

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-21	Eligible Project Cost:	$8,492,702
Rank:	322		
County:	Atlantic	Total State Amount:	$8,492,702

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.25
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.25

Project Name, Number	Priority List Rank
Atlantic County Utilities Authority S340809-21 Sanitary Sewer System Rehabilitation	322

County

Atlantic

Existing Population

250,000

Service Area

The municipalities of Absecon Brigantine Egg Harbor City Egg Harbor Township Galloway Hamilton Linwood Longport Margate Northfield Pleasantville Somers Point Ventnor Port Republic and Weymouth

Need for Project

The project will replace a deteriorating sewer force main.

Project Description

The New York Avenue and St. James Place Force Main Replacement and Relocation includes replacement of two (2) 36 inch cast iron force mains with high density polyethylene pipe for a distance of approximately 2000 linear feet in Atlantic City from Huron Avenue to the City Island Treatment Plant.

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-22	Eligible Project Cost:	$15,439,092
Rank:	322		
County:	Atlantic	Total State Amount:	$15,439,092

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.25
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.25

Project Name, Number	Priority List Rank
Atlantic County Utilities Authority S340809-22 Sanitary Sewer System Rehabilitation	322

County

Atlantic

Existing Population

250,000

Service Area

The municipalities of Absecon Brigantine Egg Harbor City Egg Harbor Township Galloway Hamilton Linwood Longport Margate Northfield Pleasantville Somers Point Ventnor Port Republic and Weymouth Township

Need for Project

The ACUAs regional collection system has 20 pumping stations throughout the county. These pump stations are often housed at the sites of former municipal treatment works facilities that were in operation prior to the regionalization of the county system in 1978. The ACUAs pump stations require significant amounts of energy to send the wastewater collected in the local municipal sewer systems throughout the eastern portion of Atlantic County to the ACUA treatment plant in Atlantic City. The ACUA believes that the installation of solar photovoltaic electric generation system (PV System) at these pump stations can provide a considerable benefit to the system ratepayers. By installing PV Systems at the pump stations the ACUA would see significant savings in its electricity bills at the pumping stations. These savings will ultimately be passed along to the systems ratepayers.

Project Description

The proposed project includes the installation of solar photovoltaic generation at 8 of ACUAs pump stations.

Anticipated Recipient:	Paterson City		
Project No.:	S340850-01	Eligible Project Cost:	$28,256,876
Rank:	324		
County:	Passaic	Total State Amount:	$28,256,876

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.149222
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.149222

Project Name, Number

Paterson City
S340850-01
Sanitary Sewer System Rehabilitation

Priority List Rank

324

County

Passaic

Existing Population

149,222

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 infiltrationinflow (II) in this municipalitys sewer system.

Project Description

An InfiltrationInflow correction program which will consist of grouting slip lining and repairingreplacing structurally damaged pipes and manholes will be undertaken to remove the identified excessive II.

Anticipated Recipient:	Trenton City		
Project No.:	S340416-12	Eligible Project Cost:	$2,718,518
Rank:	325		
County:	Mercer	Total State Amount:	$2,718,518

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.085403
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.085403

Project Name, Number	Priority List Rank
Trenton City S340416-12 Sanitary Sewer System Rehabilitation	325

County

Mercer

Existing Population

85,403

Service Area

City of Trenton

Need for Project

The City of Trentons brick sewers date back to the 1800s. 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:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-17	Eligible Project Cost:	$443,500
Rank:	326		
County:	Bergen	Total State Amount:	$443,500

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.075
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.075

Project Name, Number

Northwest Bergen County Utilities Authority
S340700-17
Security Measures

Priority List Rank

326

County

Bergen

Existing Population

75,000

Service Area

The Authority's service area includes 11 municipalities including the Borough's of Allendale, Ho-Ho-Kus, Midland Park, Ramsey and Waldwick. Partially served are the municipalities of Mahwah, Wyckoff, Saddle River, Upper Saddle River, Franklin Lakes and Ridgewood.

Need for Project

The Security System Upgrades Project is a result of needs identified through a security audit performed to assess vulnerabilities at the Authority's sewage treatment plant and pump stations, all of which are located adjacent to various water bodies that could be impacted should failure occur.

Project Description

This project includes implementation of various safety and security measures at the Authority's sewage treatment plant and pump stations. Proposed improvements include the repair and/or replacement of fencing, installation of bollards around critical structures, enhancing the existing Intrusion Detection System, adding and/or relocating security cameras and installing new door hardware.

Anticipated Recipient:	North Bergen Township		
Project No.:	S340652-07	Eligible Project Cost:	$639,645
Rank:	327		
County:	Hudson	Total State Amount:	$639,645

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.058092
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.058092

Project Name, Number	Priority List Rank
North Bergen Township S340652-07 Sanitary Sewer System Rehabilitation	327

County

Hudson

Existing Population

58,092

Service Area

Township of North Bergen

Need for Project

The Townships 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 infiltrationinflow correction program in conjunction with the replacementrehabilitation of sections of the combined system.

Anticipated Recipient:	North Bergen Municipal Utilities Authority		
Project No.:	S340652-10	Eligible Project Cost:	$1,679,606
Rank:	327		
County:	Hudson	Total State Amount:	$1,679,606

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.058092
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.058092

Project Name, Number	Priority List Rank
North Bergen Municipal Utilities Authority S340652-10 Equipment Purchase (Clean Water)	327

County

Hudson

Existing Population

58,092

Service Area

Township of North Bergen Town of Guttenberg

Need for Project

Sewer maintenance equipment and vehicles are needed for the operation and maintenance of the sewer system. Proper maintenance of the sewer system by reducing flooding and backups improves water quality and public health.

Project Description

The project involves the aquisition of a boom truck a pick-up truck and a roll-off truck.

Anticipated Recipient:	Kearny Municipal Utilities Authority		
Project No.:	S340259-14	Eligible Project Cost:	$1,582,000
Rank:	329		
County:	Hudson	Total State Amount:	$1,582,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.040684
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.040684

Project Name, Number

Kearny Municipal Utilities Authority
S340259-14
Sanitary Sewer System Rehabilitation

Priority List Rank

329

County

Hudson

Existing Population

40,684

Service Area

The KMUA service area within the project limits includes the South Kearny section of Town. There are no residential connection to their system, KMUA serves 63 industrial/commercial customers. The project area begins with the Kearny Point Pumping Station which is located approximately 1,000 feet North of the confluence of the Passaic and Hackensack Rivers. The project area then continues North on Central Avenue and ends at Pennsylvania Avenue. The project area consists of land use associated with transportation and commercial/industrial uses and is currently fully developed. The project is necessary to provide adequate wastewater service in order to promote and achieve the objectives for redevelopment in accordance with State Smart Growth Initiatives.

Need for Project

For Central Ave & Pennsylvania Ave, The seven leaking sanitary sewer defects are recommended for chemical grouting, sewer repair by chemical grout injection, replacement of app The five identified manhole defects have been recommended for grouting and patching. It is also recommended to perform blockage removal of the forty-six sewers with a combined length of approximately 18,000 FT to remove the debris estimated within these sewers to achieve the design flow rates and velocities. For KMUAs Kearny Point Pumping Station, two chain and flight type grit collector mechanisms (one for each channel) will be installed in-kind as duplicates. The option of using corrosion resistant material for the new chain and flights will also be reviewed. The chain and flight equipment will consist of the following: Sprockets, Bearings, Scarpers, Drive Chain Guards, Hardware and Anchors, Shear Pin Limit Switch, Shafting, Drive Chain, Return tracks and track brackets, Proportional weirs

Project Description

The proposed project involves the rehabilitation of the Central Avenue and Pennsylvania Avenue Sewers in the City of Kearny, Hudson County. The Central Avenue Sanitary Sewer Inspection and Condition Assessment Study as well as separate CCTV inspections performed on Pennsylvania Avenue identified various sewers to be targeted for heavy blockage removal, additional CCTV inspection and pipe and joint sealing, as well as manhole and pipe repairs and the replacement of an ACP and VCP pipe section along Pennsylvania Avenue. At KMUA's Kearny Point Pump Station, the mechanical components of the existing grit collector system in the wet well are no longer operational due to corrosion. This portion of the project involves engineering design and construction phase services for the in-kind replacement of the chains and flights. With this project, KMUA will be reducing the I&I that enters the system and is conveyed to PVSC which is a CSO system.

Anticipated Recipient:	Kearny Municipal Utilities Authority		
Project No.:	S340259-07	Eligible Project Cost:	$8,918,476
Rank:	329		
County:	Hudson	Total State Amount:	$8,918,476

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.040684
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.040684

Project Name, Number	Priority List Rank
Kearny Municipal Utilities Authority S340259-07 Decentralized Wastewater (or Septic) System Repair/Replacement	329

County

Hudson

Existing Population

40,684

Service Area

Service area is limited to Industrial/Commercial facilities.

Need for Project

Project will improve the operations and the resilience of the station ensuring reliable conveyance of the wastewater to the treatment facilties of PVSC.

Project Description

(Carryover SFY2015) - The proposed project includes improvements to the Authoritys Kearny Point Pump Station including new dry-pit submersible pumps a new pump header sytem and associated work. The project also includes improvements to the Authoritys Harrison Ave Pump Station including the installation of a new bar screen unit. Existing standby generators will be replaced at both pump stations.

Anticipated Recipient:	Winslow Township		
Project No.:	S340895-08	Eligible Project Cost:	$1,748,207
Rank:	331		
County:	Camden	Total State Amount:	$1,748,207

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.039499
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.039499

Project Name, Number

Winslow Township
S340895-08
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

331

County

Camden

Existing Population

39,499

Service Area

Winslow Township

Need for Project

While the CCMUAs Sicklerville sewage treatment plant does meet its NJPDES permit limits the permit limits exceed the normal standards required for discharges into the groundwater of the Pinelands National Reserve because the plant happens to be just outside the Pinelands area. Thus the plant is discharging compliant treated sewage into the groundwaters of the PNR at levels that are much higher than the normal Pinelands limits. This project will result in the elimination of the CCMUAs Sicklerville sewage treatment plant which currently discharges treated sewage into the groundwaters of the Great Egg Harbor River and the Pinelands National Reserve. This project will eliminate this discharge and convey the flow to the CCMUAs Delaware No.1 WPCF for treatment.

Project Description

The proposed project includes instalation of aproximately 7200 feet of 8 and 15 inch PVC sanitary sewer gravity pipe.

Anticipated Recipient:	Salem County		
Project No.:	S340804-04	Eligible Project Cost:	$18,263,633
Rank:	332		
County:	Salem	Total State Amount:	$18,263,633

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.018291
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.018291

Project Name, Number	Priority List Rank
Salem County S340804-04 Sewage Treatment Plant (STP) - Improvement/Upgrade	332

County

Salem

Existing Population

18,291

Service Area

Carneys 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 muncipalities to the DuPont wastewater treatment facility.

Anticipated Recipient:	Asbury Park City		
Project No.:	S340883-05	Eligible Project Cost:	$14,618,545
Rank:	333		
County:	Monmouth	Total State Amount:	$14,618,545

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.016116
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.016116

Project Name, Number	Priority List Rank
Asbury Park City S340883-05 Stormwater Management - Gray Infrastructure	333

County

Monmouth

Existing Population

16,116

Service Area

Asbury Park City

Need for Project

The sanitary and storm sewer systems are over 80 years old and have deteriorated to point where City has between 3 to 5 major sewer repairs per year at a cost of $10-15000 each. There are numerous offset joints and cracks in both systems resulting in exfiltration into surrounding soils. Project is intended to replace or reline these systems to mitigate infiltrationinflow (sanitary & storm) sedimentation (storm sewers) and exfiltration (sanitary & storm).

Project Description

The project involves replacement or relining of storm and sanitary sewers in the Springwood Avenue Redevelopment Area and adjacent streets. In addition the upgrade of the storm sewer system in the Central Business District (CBD) Redevelopment Area is part of the loan request.

Anticipated Recipient:	Asbury Park City		
Project No.:	S340883-06	Eligible Project Cost:	$17,350,281
Rank:	333		
County:	Monmouth	Total State Amount:	$17,350,281

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.016116
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.016116

Project Name, Number	Priority List Rank
Asbury Park City S340883-06 Sanitary Sewer System Rehabilitation	333

County

Monmouth

Existing Population

16,116

Service Area

Asbury Park City

Need for Project

The sanitary and storm sewer systems are over 80 years old and have deteriorated to point where City has between 3 to 5 major sewer repairs per year at a cost of $10-15000 each. There are numerous offset joints and cracks in both systems resulting in exfiltration into surrounding soils. Project is intended to replace or reline these systems to mitigate infiltrationinflow sedimentation and exfiltration.

Project Description

The project involves replacement of sanitary sewer infrastructure on Main Street and Memorial Drive entire lengths including connections between both running under railroad ROW along side streets.

Anticipated Recipient:	North Arlington Borough		
Project No.:	S340959-03	Eligible Project Cost:	$381,358
Rank:	335		
County:	Bergen	Total State Amount:	$381,358

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.015392
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.015392

Project Name, Number	Priority List Rank
North Arlington Borough S340959-03 Sanitary Sewer System Rehabilitation	335

County

Bergen

Existing Population

15,392

Service Area

North Arlington Borough

Need for Project

The purpose of the project is to eliminate the need for the pump stations thereby enhancing the resiliency of the sanitary sewer collectionconveyance system by eliminating the dependency on electric power to convey sewage.

Project Description

The proposed project includes decommissioning of existing sanitary pump stations and rerouting of sewage via gravity to existing mains.

Anticipated Recipient:	Phillipsburg Town		
Project No.:	S340874-08	Eligible Project Cost:	$8,787,800
Rank:	336		
County:	Warren	Total State Amount:	$8,787,800

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01495
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.01495

Project Name, Number	Priority List Rank
Phillipsburg Town S340874-08 Sanitary Sewer System Rehabilitation	336

County

Warren

Existing Population

14,950

Service Area

Town of Phillipsburg

Need for Project

Project is necessary to address the antiquated sanitary and storm water collection systems of the Town of Phillipsburg. A majority of of this system is made up of clay pipe installed at the turn of the century.

Project Description

Video documentation of the existing sanitary and storm water collection systems for the Town of Phillipsburg. Review obtained information, and develop plans and specifications for the repair/relining/replacement of deficient areas of the infrastructure, including associated structures. Document the condition of the Town's three pumping stations, and development plans and specifications for their upgrade/replacement. Bid project, and construct the proposed improvements in accordance with the approved contract documents.

Anticipated Recipient:	Hackettstown Municipal Utilities Authority		
Project No.:	S340803-04	Eligible Project Cost:	$1,411,500
Rank:	337		
County:	Warren	Total State Amount:	$1,411,500

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.010403
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.010403

Project Name, Number	Priority List Rank
Hackettstown Municipal Utilities Authority S340803-04 Sewage Treatment Plant (STP) - Improvement/Upgrade	337

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:	Mendham Township		
Project No.:	S340477-01-1	Eligible Project Cost:	$2,154,000
Rank:	338		
County:	Morris	Total State Amount:	$2,154,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005869
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.005869

Project Name, Number	Priority List Rank
Mendham Township S340477-01-1 Consolidation of Water System	338

County

Morris

Existing Population

5,869

Service Area

The service area for this project is the Drakewick neighborhood, consisting of 104 households. Drakewick is located on the eastern side of Mendham Township.

Need for Project

The project is focused on repairing existing effluent disposal systems associated with a wastewater discharge. The project is needed to protect public health and the environment.

Project Description

Project consists of the "in-kind" replacement of the Mendham East Wastewater Treatment Facility's lower effluent disposal system. Existing lower effluent disposal systems are in a state of hydraulic failure and require complete replacement. Repair will be based on removing and legally disposing the existing effluent disposal system and replacing with an in-kind replacement with no expansion. This work will be performed under a change order to the Mendham East Wastewater Treatment Facility contract that received a CLP in the amount of $2,295,125 under Project Number S340477-01 in April 2017. The project is focused on repairing existing effluent disposal systems associated with a wastewater discharge. The project is needed to protect public health and the environment.

Anticipated Recipient:	Mendham Township		
Project No.:	S340477-01	Eligible Project Cost:	$2,242,000
Rank:	338		
County:	Morris	Total State Amount:	$2,242,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005869
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.005869

Project Name, Number

Mendham Township
S340477-01
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

338

County

Morris

Existing Population

5,869

Service Area

The Service area for the WWTF is located in East Mendham and includes the Drakewick Condominium Association area of the Township. This association includes the Condominium buildings located off of Devonshire lane as well as the single family homes on Devonshire Lane, Walsingham Road, Trimingham Court, Langford Drive, Wainwright Road, Pender Hill Road, Knapton Hill Road, Govenors Drive and Olmstead Lane. There are a total of 104 residential units connected to the facility.

Need for Project

Based upon a review of past historical DMR data for the facility, the existing wastewater treatment facility is very inefficient in how treatment is performed and therefore is proposed to be replaced. The break-point chlorination system is antiquated technology which is labor intensive to run and uses large volumes of corrosive and dangerous chemicals. Because of this, the treatment system does not always meet groundwater quality standards. Pollutant concentrations, which have adversely affected the condition of the effluent disposal system (it has already needed to be replaced) can also negatively impact groundwater quality. The new biological treatment system proposed is based on best available wastewater treatment technology and with proper operation will be capability of meeting NJ DEP discharge permit limits, thereby improving groundwater quality at the site and surround watershed area.

Project Description

The conversion of the existing break point chlorination STP to a more conventional biological treatment process would reduce total energy consumption at the STP in several ways. First, as the existing plant uses liquid chlorine to physically oxidize the raw waste, this process requires a lot of energy, has a very large carbon footprint and is very inefficient. In addition, all the pumps, blowers and motors at the facility are not premium efficiency rated as they were installed in 1987. The upgrade will reduce total energy consumption because large volumes of chlorine will no longer be needed in the treatment process (thereby saving almost 45,000 pounds per year of greenhouse gas emissions related to the chlorine generation alone). In addition all the new process motors will be premium efficiency motors, thereby reducing the electrical demand at the facility related to the pumps, air blowers and motors.

Anticipated Recipient:	Cumberland County Utilities Authority		
Project No.:	S340550-08	Eligible Project Cost:	$1,122,734
Rank:	340		
County:	Cumberland	Total State Amount:	$1,122,734

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.156898
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	475.156898

Project Name, Number	Priority List Rank
Cumberland County Utilities Authority S340550-08 Sewage Treatment Plant (STP) - Improvement/Upgrade	340

County

Cumberland

Existing Population

156,898

Service Area

Bridgeton, portions of Fairfield, Upper Deerfield and Hopewell

Need for Project

Pump Station Replacement - Reduce or eliminate the risk of overflow and/or bypass. Water Treatment Plant - Maintain current levels of treatment

Project Description

The proposed project includes replacement of pump station with more efficient equipment.

Anticipated Recipient:	Long Branch Sewerage Authority		
Project No.:	S340336-09	Eligible Project Cost:	$5,506,680
Rank:	341		
County:	Monmouth	Total State Amount:	$5,506,680

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.030719
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	475.030719

Project Name, Number

Long Branch Sewerage Authority
S340336-09
Sanitary Sewer System Rehabilitation

Priority List Rank

341

County

Monmouth

Existing Population

30,719

Service Area

The LBSA service area covers approximately 5.36 square miles in central eastern Monmouth County, New Jersey. The area is bounded by the Ocean to the east; Monmouth Beach and Oceanport to the north; Oceanport, West Long Branch and Ocean Township to the west; and Ocean Township and Deal to the south. The land area breakdown contained in each of the municipalities included within the LBSA Wastewater Management Plan (WMP) area is as follows: the City of Long Branch (5.10 square miles), the Borough of West Long Branch (0.2565 square miles), and the Borough of Monmouth Beach (0.0011 square miles). The City of Long Branch is the only "participating" municipality. The small areas of the other two municipalities are "customers" of LBSA.

Need for Project

The purpose of the project is to improve effluent quality during peak flow periods, reduce the potential for sewage exfiltration and reduce maintenance and operating problems and costs. The project will also reduce inflow and infiltration and reduce the need for emergency repairs. In addition to addressing environmental issues, operating and maintenance should be improved.The I/I study and associated collection system improvements portion of the overall project will be LBSAs fifth Inflow and Infiltration (I/I) Remediation Project within the past 25 years. The Hoey Avenue pump station and force main improvements will improve reliability, efficiency and operations. Replacement of the force main will avoid the possibility of a failure of the existing pipe, which would be costly and create a major disruption of service.

Project Description

This loan application comprises three projects, including: 1) Inflow/Infiltration (I/I) Study and Rehabilitation Project: the evaluation of inflow and infiltration, flow metering, sewer cleaning, television inspection and collection system rehabilitation/replacement. A report will be prepared after completion of the system evaluation documenting findings and recommendations; 2) Hoey Avenue Pump Station Force Main Replacement Project: the replacement of the existing 3,850 LF of 14" force main. The main will be rerouted to stay within the public right-of-way. Upgrades of the pump station are also proposed; 3) Sanitary Sewer Railroad Crossing Investigation/Rehabilitation Project: the evaluation and possible rehabilitation of the railroad/sewer crossings. Design for rehabilitation of pipe at the crossings will be performed based upon the recommendations from the Inspection Reports generated by TV inspections.

Anticipated Recipient:	Millville City		
Project No.:	S340921-04	Eligible Project Cost:	$8,557,247
Rank:	342		
County:	Cumberland	Total State Amount:	$8,557,247

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.028711
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	475.028711

Project Name, Number

Millville City
S340921-04
Interconnection

Priority List Rank

342

County

Cumberland

Existing Population

28,711

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 II problems. Repair andor 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:	Long Branch Sewerage Authority		
Project No.:	S340336-05	Eligible Project Cost:	$1,396,910
Rank:	343		
County:	Monmouth	Total State Amount:	$1,396,910

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.02866
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	475.02866

Project Name, Number	Priority List Rank
Long Branch Sewerage Authority S340336-05 Sanitary Sewer System Rehabilitation	343

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:	Princeton		
Project No.:	S340656-09	Eligible Project Cost:	$1,821,582
Rank:	344		
County:	Mercer	Total State Amount:	$1,821,582

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.028572
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	475.028572

Project Name, Number

Princeton
S340656-09
Sanitary Sewer System Rehabilitation

Priority List Rank

344

County

Mercer

Existing Population

28,572

Service Area

Princeton Township Princeton Borough

Need for Project

This project reduces the amount of infiltration and inflow (II) conveyed to the SBRSA River Road Treatment Plant. Improves the PSOCs sanitary sewer system infrastructure. Provides groundwaqter protection and improves public health provides pathogen reduction.

Project Description

The project includes replacement or relining of sanitary sewers replacement or rehabilitation of laterals and rehabilitation of manholes.

Anticipated Recipient:	Princeton		
Project No.:	S340656-08	Eligible Project Cost:	$3,862,596
Rank:	344		
County:	Mercer	Total State Amount:	$3,862,596

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.028572
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	475.028572

Project Name, Number

Princeton
S340656-08
Sanitary Sewer System Rehabilitation

Priority List Rank

344

County

Mercer

Existing Population

28,572

Service Area

The proposed projects are within the municipal boundaries of the existing Borough of Princeton and the Township of Princeton, Mercer County, New Jersey. On January 1, 2013, the Borough and Township will be consolidated into one new municipality. The sanitary sewer service area of the Princeton Sewer Operating Committee will remain the same.

Need for Project

Reduces the amount of infiltration and inflow (I/I) conveyed to the SBRSA River Road Treatment Plant. Improves the PSOC sanitary Sewer system infrastructure. Provides groundwater protection. Improves public health / provides pathogen reduction.

Project Description

(Carryover SFY2015) - The PSOC is currently designing and proposing the construction of the following sewer rehabilitation projects in 2013 - Improvements to Valley Road (Project 12 - 01) - Improvements to Forrester Drive Robert Road and Sturges Way (Project 12 - 02) - Brookstone Drive Fairway Drive Greenway Terrace and Winfield Road - Rehabilitation of Sanitary Sewer Mains and Laterals (Project 12 - 03) - Improvements to Bank Street (Project 12 - 06) This sanitary sewer rehabilitaion work is a continuation of the PSOCs recent rehabilitation work.

Anticipated Recipient:	Stafford Township		
Project No.:	S340946-05	Eligible Project Cost:	$936,970
Rank:	346		
County:	Ocean	Total State Amount:	$936,970

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.026535
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	475.026535

Project Name, Number	Priority List Rank
Stafford Township S340946-05 Sanitary Sewer System Rehabilitation	346

County

Ocean

Existing Population

26,535

Service Area

Stafford Township

Need for Project

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

Project Description

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

Anticipated Recipient:	Stafford Township		
Project No.:	S340946-07	Eligible Project Cost:	$4,859,394
Rank:	346		
County:	Ocean	Total State Amount:	$4,859,394

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.026535
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	475.026535

Project Name, Number

Stafford Township
S340946-07
Sanitary Sewer System Rehabilitation

Priority List Rank

346

County

Ocean

Existing Population

26,535

Service Area

The portion of the sanitary sewer system that Stafford Township owns and operates is comparable to other towns in Ocean County. The owner of the sanitary sewer system is responsible for the conveyance of waste to a connection point with the Ocean County Utilities Authority (OCUA). The Township owner sanitary system consists of gravity lines and pump stations that ultimately feed into sanitary sewer mains owned and maintained by OCUA. The Township owns, operates and maintains a sanitary sewer collection system that presently has approximately 13,100 service connections

Need for Project

Stafford Township had multiple pipe collapses in the past 10 years, and emergency repairs were required to fix them. The material and age of the ACP pipes requires cautious working skill to avoid further damage when repairs are made. The collapse of the mains cause sewer blockages and backups of the main that could expose the resident to raw sewage. The area is in a flood zone and in close proximity to open waterways that feed the Manahawkin Bay. The water table is high in the project limits which makes the failing sanitary system more susceptible to water infiltration into the system.

Project Description

Beach Haven West Sanitary Rehabilitation will be a Phased Sanitary Sewer Replacement Project. The initial phase will consist of replacement in kind of failing ACP Sanitary Sewer System consisting of approximately 8,150 Linear Feet of 8" PVC Sanitary Sewer Main. The project will consist of the removal of approximately 8,150 Linear Feet of ACP Sanitary Sewer Main and will include the construction of 30 new sanitary sewer manholes, 8,150 linear feet of 8" PVC Sanitary Sewer Main and 242 new sewer laterals and cleanouts. Also included in this project will be the replacement of drainage catch basins, installation of new cross drains and repaving of the road from edge of pavement to edge of pavement. The project is located in a flood hazard area on a lagoon community which encounters high water tables and is subject to high levels of water infiltration. The sanitary sewer main has reached its useful life and has been repaired in several locations under emergency work.

Anticipated Recipient:	Ocean City		
Project No.:	S340730-01	Eligible Project Cost:	$57,540
Rank:	348		
County:	Cape May	Total State Amount:	$57,540

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.01549
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	475.01549

Project Name, Number	Priority List Rank
Ocean City S340730-01 Sanitary Sewer System Rehabilitation	348

County

Cape May

Existing Population

15,490

Service Area

Ocean City

Need for Project

The infiltrationinflow analysis has found that the system is subject to possible excessive infiltrationinflow (II).

Project Description

The rehabilitation of Ocean Citys sanitary sewer system includes the sealing repair or replacement of defective pipes manholes and lateral connections.

Anticipated Recipient:	Metuchen Borough		
Project No.:	S340360-02	Eligible Project Cost:	$1,578,000
Rank:	349		
County:	Middlesex	Total State Amount:	$1,578,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.013574
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	475.013574

Project Name, Number

Metuchen Borough
S340360-02
Sanitary Sewer System Rehabilitation

Priority List Rank

349

County

Middlesex

Existing Population

13,574

Service Area

The pump station serves the entire Borough of Metuchen as all flow generated within the Borough flows through the station. It also serves a small portion of adjoining Edison Township.

Need for Project

The pump station collects and pumps wastewater generated within the service area to an interceptor that carries the flow to the Middlesex County Utilities Authority in Sayreville for treatment. The station contains much of the original equipment and facilities from its construction in the mid-1950's and it is becoming more difficult to maintain and may experience a higher probability of failure. Failure of the station would result in the spilling of wastewater into the surrounding environment.

Project Description

There are presently two wastewater pump stations at the end of Jersey Avenue in Metuchen, one owned by Edison and the other owned by Metuchen, located approximately 500 feet apart. The Edison station pumps into the Metuchen station which pumps to an MCUA interceptor. Both stations are antiquated and require significant reconstruction. The municipalities have agreed to cost share for Metuchen to undertake the construction of a new pump station to replace the existing two stations. The work includes the extension of the existing force main and gravity sewers and the construction of a new pump station, including new sewage pumps and grinder, electrical supply and distribution systems and stand-by generator, pump control system, and a structure to house the electrical and control equipment. There will be fewer pumps then in the two existing stations, the double pumping will be eliminated and the new pumps will be selected to maximize their efficiency and be variable speed, decreasing electric consumption when compared to the existing 50 year old constant speed pumps and motors.

Anticipated Recipient:	Metuchen Borough		
Project No.:	S340360-01	Eligible Project Cost:	$3,734,892
Rank:	350		
County:	Middlesex	Total State Amount:	$3,734,892

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.0128
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	475.0128

Project Name, Number	Priority List Rank
Metuchen Borough S340360-01 Sanitary Sewer System Rehabilitation	350

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:	Wildwood City		
Project No.:	S340664-03	Eligible Project Cost:	$3,032,199
Rank:	351		
County:	Cape May	Total State Amount:	$3,032,199

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.005436
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	475.005436

Project Name, Number	Priority List Rank
Wildwood City S340664-03 Sanitary Sewer System Rehabilitation	351

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 II. 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 II correction program to eliminate the portion of II that is excessive and detrimental to the existing collection system. In some cases minor replacement may be necessary.

Anticipated Recipient:	North Wildwood City		
Project No.:	S340663-06	Eligible Project Cost:	$13,090,964
Rank:	352		
County:	Cape May	Total State Amount:	$13,090,964

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.004041
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	475.004041

Project Name, Number

North Wildwood City
S340663-06
Decentralized Wastewater (or Septic) System Repair/Replacement

Priority List Rank

352

County

Cape May

Existing Population

4,041

Service Area

Street & Utility Reconstruction as follows: Surf Ave. between 1st & 11th Aves.; Ocean Ave. between 2nd & 18th Aves.; Beachfront storm sewer between 4th & 15th Aves.; 7th, 8th, & 12th Aves. between Surf Ave. & JFK Blvd.; 4th Ave. between Ocean Ave. & JFK Blvd.

Need for Project

Aside from interruption in proper function and flow of the sanitary system, another potential problem associated with the damaged and deteriorated sewer mains is the potential for the contamination of surface waters. When blockage occurs from infiltration of sand and/or collapse of the system due to the damage of the pipe joints, sewer vents back up resulting in spillage through the sanitary cleanouts located behind the curb and also possibly the manholes in the street. This spillage could run into the storm sewer system which discharges into the coastal waters. It is also possible the sanitary sewage could exfiltrate from the sewer mains and, if in close proximity to a storm sewer, infiltrate into the storm sewer which again discharges into coastal waters.

Project Description

(Carryover SFY2015) - Street & Utility Reconstruction as follows Surf Avenue between 1st & 11th Avenues Ocean Avenue between 2 & 18th avenues Beachfront storm sewer between 4th & 15th Avenues 7th 8th & 12th Avenues between Surf Avenue and JFK Blvd. 4th Avenue between Ocean Avenue and JFK Blvd.

Anticipated Recipient:	North Wildwood City		
Project No.:	S340663-04	Eligible Project Cost:	$11,349,789
Rank:	352		
County:	Cape May	Total State Amount:	$11,349,789

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.004041
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	475.004041

Project Name, Number	Priority List Rank
North Wildwood City S340663-04 Sanitary Sewer System Rehabilitation	352

County

Cape May

Existing Population

4,041

Service Area

North Wildwood City

Need for Project

The sanitary sewer lines are over 60 years old. Many leaking joints have caused sinkhole problems accelerated street deterioration and results in excessive infiltration and inflow into the Citys sewer system. The sewage has the potential to pollute surface water through exfiltration of the sanitary system combined with infiltration into the storm sewer system which discharges to the back bay.

Project Description

The proposed project involves reconstruction and replacement of sewer mains manholes and sewer laterals in a forty block area of the City.

Anticipated Recipient:	Netcong Borough		
Project No.:	S340538-01	Eligible Project Cost:	$95,000
Rank:	354		
County:	Morris	Total State Amount:	$95,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.003232
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	475.003232

Project Name, Number	Priority List Rank
Netcong Borough S340538-01 Sanitary Sewer System Rehabilitation	354

County

Morris

Existing Population

3,232

Service Area

The Netcong Sewer Department provides sanitary sewer service in the Borough of Netcong. The customers are residential, municipal facilities, schools and small businesses. The sanitary sewer system serves the entire Borough.

Need for Project

Wastewater system Asset Management Plans are important for municipalities to drive the inspection, maintenance, repair of and renewal of their infrastructure consistent with regulatory standards. The Asset Management Plan will fully document the overall condition and operation of the wastewater system and identify the priority and budgetary costs of future capital investments. The Asset Management Plan will evaluate the physical, demographic, renewal (replacement or rehabilitation), regulatory, operational efficiency, safety, and security planning drivers to identify capital investment needs into the future (20 years).

Project Description

The Borough of Netcong wishes to create and implement a Sanitary Sewer System Asset Management Plan through funding available from the (CW) Asset Management Plan Development; for Small CW Systems; populations <10,000. The Borough of Netcong (the Borough) owns, operates, and maintains a sanitary sewerage distribution system which benefits approximately 3,232 residents. The Borough's sanitary sewer system consists of gravity transmission mains and lateral connections. The Borough wishes to report upon sound fundamentals in the planning, operation, maintenance, and reinvestment of its sanitary sewer system to assure a reliable sanitary sewer system to its customers, and potential customers. The Borough proposes to proceed with the following program of activities at this time: 1. Preparation of a Sanitary Sewer System Asset Management Plan 2. Geographic Information System (GIS) Update 3. Infiltration & Inflow (I/I) Investigation of Sanitary Sewer System

Anticipated Recipient:	West Wildwood Borough		
Project No.:	S340626-03	Eligible Project Cost:	$564,453
Rank:	355		
County:	Cape May	Total State Amount:	$564,453

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.00037
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	475.00037

Project Name, Number	Priority List Rank
West Wildwood Borough S340626-03 Sanitary Sewer System Rehabilitation	355

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 infiltrationinflow. 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 II.

Project Description

The rehabilitation measures proposed in alleviating the excessive II and unclogging the system include cleaning internal inspection repair andor replacement of damaged or deteriorated sewer pipe manholes and house laterals.

Anticipated Recipient:	Manasquan River Regional Sewerage Authority		
Project No.:	S340911-03	Eligible Project Cost:	$660,000
Rank:	356		
County:	Monmouth	Total State Amount:	$660,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.126804
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.126804

Project Name, Number	Priority List Rank
Manasquan River Regional Sewerage Authority S340911-03 Equipment Purchase (Clean Water)	356

County

Monmouth

Existing Population

126,804

Service Area

The MRRSA service area, which consists of the entirety of the Borough of Farmingdale, Borough of Freehold, Township of Freehold, Township of Howell and the western "Allenwood" section of the Township of Wall. The entire population of Wall Township was used, even though only a small section of the municipality is within MRRSA's service territory.

Need for Project

The vehicle and equipment proposed to be replaced is essential for the operation and maintenance of the regional wastewater conveyance system. This equipment assists the Authority in preventative maintenance activities.

Project Description

Replacement of a portion of the vehicle and equipment fleet necessary for operation and maintenance of the MRRSA's regional wastewater system. An existing listing of vehicles and equipment to be replaced and their estimated costs is available.

Anticipated Recipient:	Manasquan River Regional Sewerage Authority		
Project No.:	S340911-04	Eligible Project Cost:	$2,388,541
Rank:	357		
County:	Monmouth	Total State Amount:	$2,388,541

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.1
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.1

Project Name, Number

Manasquan River Regional Sewerage Authority
S340911-04
Sanitary Sewer System Rehabilitation

Priority List Rank

357

County

Monmouth

Existing Population

100,000

Service Area

Farmingdale Borough, Freehold Borough, Freehold Township, Howell Township and Wall Township

Need for Project

Rehabilitation of an existing pumping station that has reached the end of its useful life.

Project Description

The project includes the rehabilitation of an existing sanitary sewer pumping station. The contents of the existing wet well will be demolished and the concrete surfaces rehabilitated. A new grinder and two submersible pumps will be installed in the wet well. The existing Controls Building will be demolished and a new Controls Building will be constructed on the site. The Controls Building will house new electrical and control equipment. In addition, approximately 250 feet of existing force main will be replaced in-kind.

Anticipated Recipient:	Willingboro Municipal Utilities Authority		
Project No.:	S340132-08	Eligible Project Cost:	$1,575,337
Rank:	358		
County:	Burlington	Total State Amount:	$1,575,337

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.031629
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.031629

Project Name, Number	Priority List Rank
Willingboro Municipal Utilities Authority S340132-08 Sanitary Sewer System Rehabilitation	358

County

Burlington

Existing Population

31,629

Service Area

0

Need for Project

0

Project Description

(Carryover SFY2015) - The project includes the replacement of three obsolete collection system wastewater pumping stations and the cleaning televising and lining (if necessary) of selected portion of the Authoritys sanitary sewer collection system. Improvements within the floodplain include raising manholesinstalling watertight castings constructing access drives bank stabilization and erosion control at vulnerable manholes rehabilitation of aerial sewer crossings removal of floodplain obstructions purchase of an all-terrain easement machine. Insulation of a natural gas emergency generators at Windsor and Tweedstone pumping stations.

Anticipated Recipient:	Barnegat Township		
Project No.:	S340620-06	Eligible Project Cost:	$535,216
Rank:	359		
County:	Ocean	Total State Amount:	$535,216

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.020936
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.020936

Project Name, Number	Priority List Rank
Barnegat Township S340620-06 Sanitary Sewer System Rehabilitation	359

County

Ocean

Existing Population

20,936

Service Area

Barnegat Township.

Need for Project

The renovation of this pump station is required due to the age (over 30 years) of the pump station and the existing design. The existing design uses a dry well system for the pumps which requires confined space entry and makes routine maintenance very difficult. The proposed design will utilize a submersible pump arrangement will be a more reliable and easily maintained system.

Project Description

The Georgetown Boulevard Sewage Pump Station is located on Georgetown Boulevard just west of the intersection of Georgetown Boulevard and Route 9 in Barnegat Township Ocean County. The Georgetown Boulevard Sewage Pump Station Upgrade will consist of converting the existing wet welldry well type pump station into a submersible type pump station utilizing new submersible pumps installed in the existing wet well. The existing dry well will be abandoned in place. A new valve chamber with bypass connection will be provided adjacent to the wet well. The existing diesel fire generator at the site is in excess of 30 years old. The existing generator will be replaced with a natural gas fired generator. The generator and all electrical including motor control center pump control panel alarm system and automatic transfer switch will be installed within a new decorative block building. In addition a chemical feed system for odor control will be installed within the new generator building.

Anticipated Recipient:	Barnegat Township		
Project No.:	S340620-07	Eligible Project Cost:	$570,013
Rank:	359		
County:	Ocean	Total State Amount:	$570,013

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.020936
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.020936

Project Name, Number	Priority List Rank
Barnegat Township S340620-07 Sanitary Sewer System Rehabilitation	359

County

Ocean

Existing Population

20,936

Service Area

Township of Barnegat

Need for Project

Emergency Provisions to prevent the overflow of sewage due to a loss of power at the three (3) bayfront pump stations.

Project Description

The project includes installation of emergency generators for the three (3) existing sewage pump stations near the bayfront area to allow the pump stations to operate during a power outage raise the electrical power breakers and control panels at the same three pump stations to above the flood elevation. Due to the corrosive salt air environment it is anticipated the emergency generator for each pump station and the associated electrical controls will be installed in a small building - raised above the 100-year flood line - to protect against corrosion

Anticipated Recipient:	Little Egg Harbor Municipal Utilities Authority		
Project No.:	S340579-03	Eligible Project Cost:	$7,638,655
Rank:	361		
County:	Ocean	Total State Amount:	$7,638,655

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.020065
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.020065

Project Name, Number

Little Egg Harbor Municipal Utilities Authority
S340579-03
Sanitary Sewer System Rehabilitation

Priority List Rank

361

County

Ocean

Existing Population

20,065

Service Area

The portion of the sanitary sewer system that the LEHMUA owns and operates is like most Towns in Ocean County and Southern Monmouth County. The owner of the sanitary system is responsible for the conveyance of waste to a connection point with the Ocean County Utilities Authority (OCUA). Undermost conditions the waste is fed down a Township road till it intersects a county road where it ties into the sanitary main owned by the OCUA where it continues to an OCUA plant for treatment. The Authority owns, operates and maintains a sanitary sewer collection system that presently serves 8,614 active residential and 221 commercial customer accounts for a total of 8,835 customer accounts.

Need for Project

The LEHMUA had multiple pipe collapses in the past 8 - 10 years, and emergency repairs were required to fix them. The material and age of the pipes require cautious working skill to avoid further damage when repairs are made. The collapse of the mains cause sewer blockages and backups of the main that could expose the residents to raw sewer inside their properties, of in the roads.

Project Description

The proposed work includes the installation of approximately 6,000 linear feet (LF) of new 8-inch diameter PVC sanitary sewer main, 165 lateral sanitary sewer connections (funded to the cleanout), and 15 new sanitary sewer manholes.

Anticipated Recipient:	Little Egg Harbor Municipal Utilities Authority		
Project No.:	S340579-02	Eligible Project Cost:	$1,930,210
Rank:	361		
County:	Ocean	Total State Amount:	$1,930,210

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.020065
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.020065

Project Name, Number

Little Egg Harbor Municipal Utilities Authority
S340579-02
Sanitary Sewer System Rehabilitation

Priority List Rank

361

County

Ocean

Existing Population

20,065

Service Area

The portion of the sanitary sewer system that the LEHMUA owns and operates is like most Towns in Ocean County and Southern Monmouth County. The owner of the sanitary system is responsible for the conveyance of waste to a connection point with the Ocean County Utilities Authority (OCUA). Undermost conditions the waste is fed down a Township road till it intersects a county road where it ties into the sanitary main owned by the OCUA where it continues to an OCUA plant for treatment. The Authority owns, operates and maintains a sanitary sewer collection system that presently serves 8,614 active residential and 221 commercial customer accounts for a total of 8,835 customer accounts.

Need for Project

The LEHMUA had multiple pipe collapses in the past 8 - 10 years, and emergency repairs were required to fix them. The material and age of the pipes require cautious working skill to avoid further damage when repairs are made. The collapse of the mains cause sewer blockages and backups of the main that could expose the residents to raw sewer inside their properties, of in the roads.

Project Description

Originally, the proposed work included installation of approximately 6,300 LF of new 8-inch diameter PVC sanitary sewer main, 30 LF of new 18-inch diameter PVC sanitary sewer main, approximately 745 LF of new 6-inch diameter ductile iron sanitary sewer force main pipe, 200 lateral sanitary sewer connections, and 41 sanitary sewer manholes. Little Egg Harbor Municipal Utilities Authority now proposes to include approximately 60 LF of additional sewer piping that will run perpendicular to the proposed new water main in Twin Lakes Boulevard and Lake Champlain Drive. Each of the new pipes will extend from the sewer mains approximately 60 LF down each side street. The proposed changes to the sanitary sewer main scope of work includes the installation of approximately 38 additional new manholes, 33 new 8-inch to 18-inch Hymax couplings, approximately 2,700 LF of additional new 8-inch diameter PVC sanitary sewer mains, approximately 1,170 LF of additional new 18-inch diameter PVC sanitary sewer mains, and all associated fittings and appurtenances. The new 18-inch diameter PVC sanitary sewer main mentioned above will replace approximately 930 LF of existing 12-inch diameter PVC piping.

Anticipated Recipient:	Delran Township		
Project No.:	S340794-10	Eligible Project Cost:	$1,998,000
Rank:	363		
County:	Burlington	Total State Amount:	$1,998,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.016896
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.016896

Project Name, Number	Priority List Rank
Delran Township S340794-10 Sanitary Sewer System Rehabilitation	363

County

Burlington

Existing Population

16,896

Service Area

The station accepts flow from an 18-inch diameter gravity trunk sewer that conveys wastewater flows generally from portions of Delran Township east of Route 130 and south of Chester Avenue. Flow from the Township's Waters Edge and Summerhill Pump Stations are also tributary to the Clay Street Pump Station.

Need for Project

The purpose of the proposed project is to increase the reliability of the sewage pumping station and reduce the level of maintenance required to keep the pump station operational. The removal of the underground dry well will eliminate the extensive confined space safety procedures required to operate and maintain the pump station. The condition of the dry well also creates a potential hazard for maintenance personnel. New submersible pumps will replace existing worn pumps which were installed in 1993. Odor and corrosion control is needed to increase the operational life of equipment and structures.

Project Description

The improvements proposed to the Township's Clay Street Pump Station include converting the existing station to a submersible type station whereby new submersible sewage pumps on rails will be installed in the existing wet well which will be rehabilitated. A hoist will be provided so that the new pumps can be lifted out of the wet well from above. All electrical equipment and controls will be located above ground in an existing fiberglass building. A new precast concrete valve vault, a comminutor to replace the existing screening basket and a Bioxide odor control system will be installed as well. Also, the southwest corner of the pump station site will be stabilized to maintain the existing fence line, rough grading in the gravel driveway area will be performed to eliminate ponding and the existing manhole frame and cover in the driveway will be raised to meet the new grade. In addition, the force main discharge manhole will be replaced.

Anticipated Recipient:	Delran Township		
Project No.:	S340794-09	Eligible Project Cost:	$750,544
Rank:	363		
County:	Burlington	Total State Amount:	$750,544

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.016896
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.016896

Project Name, Number	Priority List Rank
Delran Township S340794-09 Sewage Treatment Plant (STP) - Improvement/Upgrade	363

County

Burlington

Existing Population

16,896

Service Area

The Township of Delran wastewater system serves all of the Township as well as approximately 10 users in Moorestown Township.

Need for Project

Sand Filter Improvements- The Township's Wastewater Treatment Plant includes an existing traveling bridge sand filter installed in 1994 as part of a plant upgrading. The plant staff has indicated that the existing unit is hydraulically inefficient and its rehabilitation or replacement has been identified as a priority project in the Township Sewer Utility Capital Improvement Program. Retrofitting the existing filter unit with similar technology will be considered as will replacement of the unit with a different technology. This improvement will not increase the capacity of the wastewater treatment plant. Fifth Street Pump Station Improvements- An evaluation of the Fifth Street Pump Station found it to be in need of varying degrees of improvement and it has been identified as a priority project in the Township Sewer Utility Capital Improvement Program. These improvements will not increase the capacity of the pump station.

Project Description

The proposed project will involve the improvements to the Fifth Street Pump Station.

Anticipated Recipient:	Hopatcong Borough		
Project No.:	S340488-07	Eligible Project Cost:	$75,000
Rank:	365		
County:	Sussex	Total State Amount:	$75,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.015888
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.015888

Project Name, Number	Priority List Rank
Hopatcong Borough S340488-07 Sanitary Sewer System Rehabilitation	365

County

Sussex

Existing Population

15,888

Service Area

The Hopatcong Sewer Department provides sanitary sewer service in the Borough of Hopatcong. The customers are primarily residential except for municipal facilities, schools and some small businesses. The sanitary sewer system does not serve the entire Borough. The system presently has approximately 3,000 active accounts. Assuming 3 persons per account, the system supplies approximately 9,000 persons, or 63 percent of the total population. Residents not connected to the municipal sanitary sewer system have septic systems. The homeowners frequently turn to the municipal sanitary sewer system when their septic systems fail.

Need for Project

Wastewater system Asset Management Plans are important for municipalities to drive the inspection, maintenance, repair of and renewal of their infrastructure consistent with regulatory standards. The Asset Management Plan will fully document the overall condition and operation of the wastewater system and identify the priority and budgetary costs of future capital investments. The Asset Management Plan will evaluate the physical, demographic, renewal (replacement or rehabilitation), regulatory, operational efficiency, safety, and security planning drivers to identify capital investment needs into the future (15 years).

Project Description

The Borough of Hopatcong wishes to create and implement a Sanitary Sewer System Asset Management Plan through funding available from the (CW) Asset Management Plan Development; for Small CW Systems; populations <10,000. The Borough of Hopatcong (the Borough) owns, operates, and maintains a sanitary sewerage distribution system which benefits approximately 9,000 residents through approximately 3,000 connections. The Borough's sanitary sewer system consists of transmission mains, force mains, low pressure sewers, lateral connections, and pumping stations. The Borough wishes to report upon sound fundamentals in the planning, operation, maintenance, and reinvestment of its sanitary sewer system to assure a reliable sanitary sewer system to its customers, and potential customers. The Borough proposes to proceed with the following program of activities at this time: 1. Preparation of a Sanitary Sewer System Asset Management Plan 2. Geographic Information System (GIS) Update

Anticipated Recipient:	Totowa Borough		
Project No.:	S340778-01	Eligible Project Cost:	$985,189
Rank:	366		
County:	Passaic	Total State Amount:	$985,189

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.01119
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.01119

Project Name, Number	Priority List Rank
Totowa Borough S340778-01 Sanitary Sewer System Rehabilitation	366

County

Passaic

Existing Population

11,190

Service Area

Totowa Borough

Need for Project

The Townships sewer system contains excessive infiltrationinflow (II) as documented by the II analysis. Additional studies will estimate the quantity of II in the system to eliminate a portion of excessive II.

Project Description

This project is for the II correction of Totowa Boroughs existing sewer system to eliminate a portion of infiltrationinflow 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:	Freehold Borough		
Project No.:	S340304-02	Eligible Project Cost:	$430,399
Rank:	367		
County:	Monmouth	Total State Amount:	$430,399

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.010976
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.010976

Project Name, Number	Priority List Rank
Freehold Borough S340304-02 Sanitary Sewer System Rehabilitation	367

County

Monmouth

Existing Population

10,976

Service Area

Borough of Freehold

Need for Project

The Boroughs gravity sewer system is over 50 years old and experiences II 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:	Hightstown Borough		
Project No.:	S340915-04	Eligible Project Cost:	$403,745
Rank:	368		
County:	Mercer	Total State Amount:	$403,745

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.005494
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.005494

Project Name, Number	Priority List Rank
Hightstown Borough S340915-04 Sanitary Sewer System Rehabilitation	368

County

Mercer

Existing Population

5,494

Service Area

Borough of Hightstown

Need for Project

The existing VCP (Clay) sewer transmission lines are experiencing excessive infiltration and inflow. This is increasing the treatment costs at the Wastewater Treatment Plant and causing overflows.

Project Description

The proposed 15-inch sanitary sewer line will help remediate the infiltrationinflow situation by preventing the leakage of groundwater into the collection system and therefore reducing the treatment costs at the plant as well as the transmission lines maintenance costs. This will also increase the capacity of the collection system. The existing deteriorated lines will be capped and abandoned.

Anticipated Recipient:	Manasquan River Regional Sewerage Authority		
Project No.:	S340911-01	Eligible Project Cost:	$708,917
Rank:	369		
County:	Monmouth	Total State Amount:	$708,917

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.00534
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.00534

Project Name, Number

Manasquan River Regional Sewerage Authority
S340911-01
Sanitary Sewer System Rehabilitation

Priority List Rank

369

County

Monmouth

Existing Population

5,340

Service Area

Borough of Manasquan

Need for Project

The air release valve assemblies are located on an existing 30-inch diameter DIP wastewater force main which conveys an average of 5 MGD. The force main has been in continuous operation for almost 25 years. In accordance with NJDEP requirements to evaluate the integrity of existing wastewater infrastructure the MRRSA conducted inspections of the air release valve assemblies and discovered significant corrosion. If any of these air release valve assemblies were to fail there would be a significant untreated wastewater discharge within the vicinity of an environmentally sensitive area and a commercial corridor. Replacement is necessitated to avoid failure of the force main at these locations. The MRRSA has no other means of conveying wastewater flow from the Upper Manasquan Pump Station.

Project Description

The project involves the replacement of three (3) existing air release valve assemblies on the 30-inch diameter Upper Manasquan Force Main within the Township of Howell. Line stops will be implemented to isolate the force main so that the air release assemblies can be replaced. Inspections of the existing air release assemblies have revealed significant corrosion and replacement is necessary to avoid failure of the force main at these three (3) locations. All work is to be performed within the previously disturbed right-of-way of Casino Drive and NJSH Route 9.

Anticipated Recipient:	South Bound Brook Borough		
Project No.:	S340347-01	Eligible Project Cost:	$1,191,434
Rank:	370		
County:	Somerset	Total State Amount:	$1,191,434

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.0035
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.0035

Project Name, Number	Priority List Rank
South Bound Brook Borough S340347-01 Sanitary Sewer System Rehabilitation	370

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:	Tuckerton Borough		
Project No.:	S340034-05	Eligible Project Cost:	$3,188,640
Rank:	371		
County:	Ocean	Total State Amount:	$3,188,640

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.003371
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.003371

Project Name, Number

Tuckerton Borough
S340034-05
Sanitary Sewer System Rehabilitation

Priority List Rank

371

County

Ocean

Existing Population

3,371

Service Area

A portion of the Borough of Tuckerton's Sewer Service Area

Need for Project

The water quality based need for the project will be satisfied by the replacement of old cracked sewer mains and laterals and the replacement of old manhole with new watertight manhole which will reduce infiltration and increased sewer flows into he conveyance system and eliminate potential groundwater and surface water contamination. In addition new water meters will provide for water conservation.

Project Description

The project consist of the replacement of old deteriorated sewer mains, manholes, sewer laterals, water meters and meter pits located on Curlew Rd., Kingfisher Rd. and Bass Rd. in the Borough of Tuckerton.

Anticipated Recipient:	Tuckerton Borough		
Project No.:	S340034-03	Eligible Project Cost:	$1,405,206
Rank:	372		
County:	Ocean	Total State Amount:	$1,405,206

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.003347
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.003347

Project Name, Number

Tuckerton Borough
S340034-03
Sanitary Sewer System Rehabilitation

Priority List Rank

372

County

Ocean

Existing Population

3,347

Service Area

The project will effect the 118 residential properties located on Heron Rd. The Borough of Tuckerton is located with the Southern Service area for Ocean County Utilities Authority. The Borough is bordered by Little Egg Harbor Twp. to the North, South and West and by the Barnegat Bay to the East. The sewer flows by gravity to the Tuckerton Beach Pump Station located on S. Green St..

Need for Project

The proposed project is to replace old terracotta sewer mains which show signs of cracks, breaks, spalls and settlement and which contributes to the increased cost due to infiltration. The system was cleaned and video inspected to confirm the extent and need for replacement.

Project Description

The project consist of the replacement of the existing sanitary sewer mains, manholes and service laterals located within on Heron Road, which is located in the Tuckerton Beach section of the Borough.

Anticipated Recipient:	Seaside Heights Borough		
Project No.:	S340236-01	Eligible Project Cost:	$3,913,060
Rank:	373		
County:	Ocean	Total State Amount:	$3,913,060

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.003155
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.003155

Project Name, Number

Seaside Heights Borough
S340236-01
Sanitary Sewer System Rehabilitation

Priority List Rank

373

County

Ocean

Existing Population

3,155

Service Area

Borough of Cliffside Park

Need for Project

The sanitary sewer replacement and rehabilitation is necessary to reduce infiltration and inflow and to minimize the chance of failure in the system.

Project Description

This project consists of restoring the structural integrity of the service laterals by creating permanent seals with the sewer main to eliminate infiltration.

Anticipated Recipient:	Avalon Borough		
Project No.:	S340864-01	Eligible Project Cost:	$1,530,125
Rank:	374		
County:	Cape May	Total State Amount:	$1,530,125

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.00181
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.00181

Project Name, Number

Avalon Borough
S340864-01
Sanitary Sewer System Rehabilitation

Priority List Rank

374

County

Cape May

Existing Population

1,810

Service Area

Avalon Borough

Need for Project

InfiltrationInflow (II) studies conducted have revealed that the Borough Sanitary Sewer System is possibly subject to excessive II. Sanitary sewer lines are in excess of 80 years old. The leaking joints have caused sinkhole problems accelerated street deterioration and excessive infiltrationinflow. 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 replacerelocate 11th Street Pump Station and stormwater outfall.

Anticipated Recipient:	Montclair Township		
Project No.:	S340837-04	Eligible Project Cost:	$1,682,173
Rank:	375		
County:	Essex	Total State Amount:	$1,682,173

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.037669
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	460.037669

Project Name, Number

Montclair Township
S340837-04
Sanitary Sewer System Rehabilitation

Priority List Rank

375

County

Essex

Existing Population

37,669

Service Area

Portions of Montclair Township Sanitary Sewer Collection System portions of sub-areas G, H, J, L, M, N, S, U, and V.

Need for Project

N/A

Project Description

The Township of Montclair Sewer Authority will rehabilitate approximately 19,700 linear feet of sanitary sewer collection mains. Portions of the existing collection system are deteriorated and subject to inflow and infiltration (I&I) resulting in loss of sewage to the environment and admission of groundwater and stormwater to the system. The MSA has planned for the repair of the affected sewers to assure that wastewater is safely conveyed through the sewers to the regional wastewater treatment facility.

Anticipated Recipient:	Montclair Township		
Project No.:	S340837-05	Eligible Project Cost:	$775,000
Rank:	375		
County:	Essex	Total State Amount:	$775,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.037669
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	460.037669

Project Name, Number	Priority List Rank
Montclair Township S340837-05 Sanitary Sewer System Rehabilitation	375

County

Essex

Existing Population

37,669

Service Area

The MSA service area (a.k.a. the "planning area") includes all of Montclair Township, Essex County, New Jersey. The Township of Montclair covers a geographic area of 6.16 square miles. The Township is situated on the east-facing slope of the first Watchung Mountain and is bounded to the north by Clifton and Little Falls in Passaic County, to the south by the Township of Orange (Essex County), to the east and northeast by Bloomfield, Glen Ridge and East Orange (all Essex County), and to the south and west-northwest by Verona (Essex County), Cedar Grove (Passaic County), West Orange and Orange (both Essex County).

Need for Project

Manholes of the existing collection system are deteriorated and subject to inflow and infiltration resulting in excess flows in the sewer system due to admission of groundwater to the system. The sewer manholes in the system are largely constructed of brick and most are over one hundred years old. Specific areas have been identified as the target area for the collection system rehabilitation program; the scope of this project is specific to manholes of sewer mains that were recently rehabilitated under projects -03 and 04. These areas have been selected due to the high frequency of repairs, high maintenance requirements and observed infiltration and inflow in the system. These conditions would hazard public and environmental health, and would require greater disruption for emergency repairs than would a planned approach by addressing complete replacement of manhole frame and covers and structural rehabilitation of the manhole itself.

Project Description

The Township of Montclair Sewer Authority (MSA) will rehabilitate sanitary sewer collection Manholes. The scope of this project is to address manholes from the same sanitary sewer segments that were rehabilitated under NJEIFP Project No.s S340837-03 and 04 projects. These manholes are deteriorated and subject to inflow and infiltration (I&I) resulting in excess of groundwater infiltration to the system. MSA has planned for the repair/rehabilitation of the affected manholes to assure that wastewater is safely conveyed through the sewers to the regional wastewater treatment facility and reducing excess flows due to groundwater infiltration.

Anticipated Recipient:	Orange City		
Project No.:	S340859-01	Eligible Project Cost:	$964,562
Rank:	377		
County:	Essex	Total State Amount:	$964,562

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.03173
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	460.03173

Project Name, Number	Priority List Rank
Orange City S340859-01 Sanitary Sewer System Rehabilitation	377

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 sanitarystorm sewer systems should be eliminated by internally sealing the overflow weirs in the combination sanitarystorm 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 sanitarystorm 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:	Orange City		
Project No.:	S340859-03	Eligible Project Cost:	$3,377,600
Rank:	378		
County:	Essex	Total State Amount:	$3,377,600

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.030134
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	460.030134

Project Name, Number

Orange City
S340859-03
Sanitary Sewer System Rehabilitation

Priority List Rank

378

County

Essex

Existing Population

30,134

Service Area

City of Orange Township New Jersey, Essex County

Need for Project

Elimination of infiltration, inflow and exfiltration in and out of sanitary system.

Project Description

Providing for various improvements including repairs, remediation and replacement of the sewer lines and stormwater collection system, including survey of sanitary sewer leaks and stormwater capacity. Pursuant to NJ DEP Violations NJAC 7:19-6.6; 7:19-6.6;7:19-6;7:10-1l.6;7:19-11.5(i);7:19-11.2 Collection System Remediation. Orange Twp Waste Water Collection System is made up of a network of 30.6 Miles of pipe divided into a series of 4 major sewer basins. The work will occur at multiple sites, some within the public right-of-way. OWW serves as the collection system for public and commercial centers, as well as residential neighborhoods. The purpose of the OWW Sewer Rehabilitation Project is to upgrade and rehabilitate aging pipes and distribution lines. Cracked sewer pipes and laterals allow outside rainwater and groundwater to flow into the sewer system.

Anticipated Recipient:	Cranford Township		
Project No.:	S340858-06	Eligible Project Cost:	$1,005,872
Rank:	379		
County:	Union	Total State Amount:	$1,005,872

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022578
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	460.022578

Project Name, Number

Cranford Township
S340858-06
Sanitary Sewer System Rehabilitation

Priority List Rank

379

County

Union

Existing Population

22,578

Service Area

Township of Cranford

Need for Project

This project is needed because inflowinfiltration of the 75 year old or older sanitary sewer piping systems and interconnection storm water overflows allow sanitary sewer to flow into the Rahway River untreated especially during storm events. The river is the drinking water source downstream for Rahway. This is required to minimize the risk of a system failure to assure proper functioning and to prevent backups.

Project Description

The proposed project includes reduction of inflowinfiltration into the Rahway River through elimination of 1200 linear feet of old 15 sanitary sewer main lining of 1200 linear feet of 8 pipe lining of 100 vertical feet of manhole and removing four storm water sanitary sewer cross connections.

Anticipated Recipient:	Pleasantville City		
Project No.:	S340752-03	Eligible Project Cost:	$3,135,562
Rank:	380		
County:	Atlantic	Total State Amount:	$3,135,562

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.020249
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	460.020249

Project Name, Number	Priority List Rank
Pleasantville City S340752-03 Sanitary Sewer System Rehabilitation	380

County

Atlantic

Existing Population

20,249

Service Area

The project will serve the City of Pleasantville. Specifically, the sanitary sewer replacement projects are located on Collings Avenue, Decatur Avenue, Ansley Boulevard and Ridgewood Avenue. Also, sewage grinding systems are planned at the California Avenue and the Woodland Avenue pump stations.

Need for Project

The sewer service system in the described areas is old and in need of replacement. If replacement, the chance of leaking and contamination is reduced.

Project Description

This project includes the replacement of sanitary sewer lines on Collins Avenue, Decatur Avenue, Ansley Boulevard and Ridgewood Avenue. In addition it will include the installation of a sewage grinder system. at the Woodland Ave. and California Pump Station.

Anticipated Recipient:	Morristown Town		
Project No.:	S340376-04	Eligible Project Cost:	$8,621,779
Rank:	381		
County:	Morris	Total State Amount:	$8,621,779

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01679
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	460.01679

Project Name, Number

Morristown Town
S340376-04
Sanitary Sewer System Rehabilitation

Priority List Rank

381

County

Morris

Existing Population

16,790

Service Area

Town of Morristown

Need for Project

An InfiltrationInflow (II) analysis has concluded that excessive II exists within the towns sewer system. Additional studies are underway to further define the quantity of excessive II and to propose an II correction program to eliminate a portion of the excessive II.

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:	Collingswood Borough		
Project No.:	S340291-04	Eligible Project Cost:	$800,440
Rank:	382		
County:	Camden	Total State Amount:	$800,440

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.013926
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	460.013926

Project Name, Number	Priority List Rank
Collingswood Borough S340291-04 Sanitary Sewer System Rehabilitation	382

County

Camden

Existing Population

13,926

Service Area

The Borough of Collingswood is a small municipality (2.0 +/- square miles) located in Camden County, NJ. According to the 2010 United States Census it has a population of 13,926. It shares municipal borders with the City of Camden, Haddon Township, Borough of Oaklyn, Pennsauken Township and the Borough of Woodlynne. Cooper River forms the northerly municipal boundary and Newton Creek forms the southerly boundary. The Highspeed Line (a railroad corridor to Philadelphia, PA) approximately bisects the Borough in the northwest/southeast direction. As designated by the State of New Jersey, the Borough is located within Planning Area (PA) 1, which is the Metropolitan Planning Area.

Need for Project

The Borough is responsible for maintaining the sanitary sewer lines throughout the municipality, and in order to continue sewer service throughout the community, the system requires periodic upgrades and maintenance. These upgrades and maintenance activities are scheduled and planned, in order to maintain the system in good operating condition. Sections of the system are aging and approaching the anticipated lifespan for adequate operation. System upgrades are necessary and must be completed for the Borough to fulfill its obligation of providing sanitary sewer service to its residents and businesses. The municipality has a contractual obligation to provide sanitary sewer services, and to make capital improvements as necessary to fulfill that obligation.

Project Description

In general, the work on this project consists of the rehabilitation and removal and replacement of the existing Harrison Avenue sanitary sewer main for the Borough of Collingswood, Camden County, New Jersey.

Anticipated Recipient:	Matawan Borough		
Project No.:	S340967-01	Eligible Project Cost:	$708,917
Rank:	383		
County:	Monmouth	Total State Amount:	$708,917

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00927
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	460.00927

Project Name, Number	Priority List Rank
Matawan Borough S340967-01 Sanitary Sewer System Rehabilitation	383

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:	South Amboy City		
Project No.:	S340326-06	Eligible Project Cost:	$244,515
Rank:	384		
County:	Middlesex	Total State Amount:	$244,515

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00784
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	460.00784

Project Name, Number

South Amboy City
S340326-06
Sanitary Sewer System Rehabilitation

Priority List Rank

384

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 II correction for South Amboys existing sewer system.

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S340699-12	Eligible Project Cost:	$111,313,758
Rank:	385		
County:	Middlesex	Total State Amount:	$111,313,758

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.867708
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.867708

Project Name, Number	Priority List Rank
Middlesex County Utilities Authority S340699-12 Decentralized Wastewater (or Septic) System Repair/Replacement	385

County

Middlesex

Existing Population

867,708

Service Area

The MCUA collects and treats on average 102 MGD of wastewater from 36 communities and supporting industries in Middlesex County and portions of Somerset and Union Counties. A list of municipalities and a map of the overall service area are included in the Project Report. The Main Trunk Sewer collects wastewater from Dunellen, Middlesex, Piscataway, and South Plainfield in Middlesex County, and Bound Brook, Bridgewater, Franklin, Green Brook, North Plainfield, and South Bound Brook in Somerset Counties.

Need for Project

The MCUA will be replacing and protecting major mechanical and electrical components at the Sayreville Pump Station through these Projects. The work will have no impact to surface waters. The restoration and mitigation measures proposed for these projects will significantly reduce the potential for adverse impacts from future failure of this pump station equipment following a similar storm event.

Project Description

(Carryover SFY2015) - The Project involves the restoration of mechanical HVAC and electrical equipment instrumentation and control equipment and building repairs for both the Sayreville Relief Pump Station and the Original Sayreville Pump Station facilities damaged by flood water from the Hurricane Sandy surge. The Project also involves the construction of a Flood Wall as a mitigation measure to protect the entire site from future flood events which will require the relocation of the present Main Electrical Substation and the Diesel Generator.

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S340699-13	Eligible Project Cost:	$40,894,712
Rank:	385		
County:	Middlesex	Total State Amount:	$40,894,712

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.867708
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.867708

Project Name, Number	Priority List Rank
Middlesex County Utilities Authority S340699-13 Decentralized Wastewater (or Septic) System Repair/Replacement	385

County

Middlesex

Existing Population

867,708

Service Area

Refer to Figure 1 of the Environmental Planning Report.

Need for Project

Mitigation of risk of sanitary sewage overflows. Refer to Section 1 of the uploaded Project Report.

Project Description

(Carryover SFY2015) - The Project involves the permanent restoration of mechanical HVAC and electrical equipment instrumentation and control equipment and building repairs for the Edison Pump Station facilities damaged by flood water from the Hurricane Sandy storm surge. The Project also involves flood proofing the pump building generator and switchgear building and the tunnel access shaft located at the site.

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S340699-16	Eligible Project Cost:	$18,085,560
Rank:	385		
County:	Middlesex	Total State Amount:	$18,085,560

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.8677
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.8677

Project Name, Number	Priority List Rank
Middlesex County Utilities Authority S340699-16 Sanitary Sewer System Rehabilitation	385

County

Middlesex

Existing Population

867,700

Service Area

Borough of Bound Brook, East Brunswick Sewerage Authority, Township of Edison, Franklin Township Sewerage Authority, Township of Green Brook, 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 Utility 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 and Borough of Fanwood.

Need for Project

The MCUA will be rehabilitating a portion of its Main Trunk Sewer and meter chambers through this Project. There will be minimal impact to surface waters during construction however the rehabilitation work will significantly reduce the potential of adverse impacts from the failure of old and deteriorated sanitary sewers and structures.

Project Description

The project encompasses two separate construction Contracts due to the nature of the work and the specialties of prospective bidders. The MCUA is intending to rehabilitate a portion of the Main Trunk Sewer (MTS) located in the northernmost portion of the service area. This is the third phase in several phases required by the Authority to address deterioration within the pipeline most of which was constructed in the 1950's. The variety of facilities to be rehabilitated are included in an effort to take advantage of costly diversion and bypass pumping of flows around the work areas which otherwise would be required to be performed on multiple occasions. The second Contract is for Meter Chamber Rehabilitation, Phase II consisting of the rehabilitation of eleven chambers and various connected pipes through-out the Authority's system. This is the second of multiple phases required to provide structural rehabilitation and apply protective coatings to prevent further deterioration.

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S340699-14	Eligible Project Cost:	$16,968,376
Rank:	385		
County:	Middlesex	Total State Amount:	$16,968,376

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.867708
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.867708

Project Name, Number	Priority List Rank
Middlesex County Utilities Authority S340699-14 Decentralized Wastewater (or Septic) System Repair/Replacement	385

County

Middlesex

Existing Population

867,708

Service Area

The MCUA collects and treats on average 102 MGD of wastewater from 36 communities and supporting industries in Middlesex County and portions of Somerset and Union Counties. A list of municipalities and a map of the overall service area are included in the Project Report. The Main Trunk Sewer collects wastewater from Dunellen, Middlesex, Piscataway, and South Plainfield in Middlesex County, and Bound Brook, Bridgewater, Franklin, Green Brook, North Plainfield, and South Bound Brook in Somerset Counties.

Need for Project

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

Project Description

(Carryover SFY2015) - The MCUA is intending to rehabilitate a portion of the existing Main Trunk Sewer (MTS) located in Piscataway New Jersey using trenchless rehabilitation technologies. This is the second of seven (7) phases that are required to address deterioration within portions of the MTS constructed of Corrugated Metal Pipe (CMP) segments. This Phase will rehabilitate the CMP pipe segments that can carry up to 46 million gallons per day (MGD) of raw wastewater. The Project will include segmental sliplining of approximately 5900 feet of 60 CMP sewer pipe installed in the 1950s repair and restoration of manholes bypass of flows environmental protection and site restoration activities.

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S340699-07	Eligible Project Cost:	$8,105,182
Rank:	389		
County:	Middlesex	Total State Amount:	$8,105,182

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.75
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.75

Project Name, Number	Priority List Rank
Middlesex County Utilities Authority S340699-07 Sanitary Sewer System Rehabilitation	389

County

Middlesex

Existing Population

750,000

Service Area

Borough of Bound Brook East Brunswick Sewerage Authority Township of Edison Franklin Township Sewerage Authority Township of Greenbrook Borough of Highland Park Borough of Metuchen Borough of Middlesex Monroe Township City of New Brunswick Borough of Milltown Township of North Brunswick Old Bridge Township Sewerage Authority Township of Piscataway Borough of North Plainfield Borough of Watchung Township of Scotch Plains City of Plainfield Borough of Sayreville Borough of South Bound Brook Township of South Brunswick Borough of South Plainfield Borough of South River Borough of Spotswood Borough of Dunellen Borough of Fanwood Need for Projec The proposed project will provide the continuing operation of the wastewater pump stations into the future and avoid potential sewage discharges to surface water. Project Description This project includes installation of auxillary electrical power generators and related switchgear and equipment at two pump stations.

Need for Project

The proposed project will provide the continuing operation of the wastewater pump stations into the future and avoid potential sewage discharges to surface water.

Project Description

This project includes installation of auxillary electrical power generators and related switchgear and equipment at two pump stations.

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S340699-08	Eligible Project Cost:	$22,180,484
Rank:	389		
County:	Middlesex	Total State Amount:	$22,180,484

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.75
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.75

Project Name, Number	Priority List Rank
Middlesex County Utilities Authority S340699-08 Sanitary Sewer System Rehabilitation	389

County

Middlesex

Existing Population

750,000

Service Area

Most of Middlesex County and parts of Somerset and Union Counties

Need for Project

The proposed projects will provide the continuing operation of the wastewater conveyance system into the future and avoid potential sewage discharges to surface water from aging infrastructure.

Project Description

The proposed project includes rehabilitation of the South Bay Interceptor prestressed concrete cylinder pipe gravity line rehabilitation of the Upper Main Trunk corrugated metal pipe gravity line rehabilitation and upgrade of the wastewater conveyance system meter chambers inspection and rehabilitation of the various wastewater conveyance system siphon pipelines and rehabilitation of the EdisonMillbrook wastewater conveyance system siphon pipeline.

Anticipated Recipient:	Ocean County Utilities Authority		
Project No.:	S340372-55	Eligible Project Cost:	$430,399
Rank:	391		
County:	Ocean	Total State Amount:	$430,399

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.6
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.6

Project Name, Number	Priority List Rank
Ocean County Utilities Authority S340372-55 Emergency Generator	391

County

Ocean

Existing Population

600,000

Service Area

The OCUA complete

Need for Project

The purpose of this project is to provide additional emergency power generation sources for the Authority in the event of extensive and prolonged commercial power outages to ensure no interruptions in collection system operations are experienced and to minimize the possibility of raw sanitary sewage discharge to the Barnegat Bay.

Project Description

This project involves the procurement of one trailer mounted generator for use as emergency backup power for 38 of the forty (40) Authority pump stations located throughout Ocean County. The Authority is proposing to purchase a 500 kW diesel generator capable of providing electrical power during periods of commercial power outage.

Anticipated Recipient:	Ocean County Utilities Authority		
Project No.:	S340372-57	Eligible Project Cost:	$2,969,927
Rank:	391		
County:	Ocean	Total State Amount:	$2,969,927

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.6
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.6

Project Name, Number

Ocean County Utilities Authority
S340372-57
Sanitary Sewer System Rehabilitation

Priority List Rank

391

County

Ocean

Existing Population

600,000

Service Area

The service area consists of Point Pleasant Beach Borough and is mainly comprised of single family dwellings located on 1/4 acre lots. The commercial area located along County Route 635 and the Point Pleasant Beach Boardwalk are also served by this interceptor. The service area is almost fully developed and the project area is located within improved rights-of-way.

Need for Project

The proposed rehabilitation work will address potential areas of infiltration along the 7,015 linear feet of interceptor and increase the useful life of the interceptor. Reducing infiltration into the interceptor will improve the quality of the raw wastewater, improve treatment and reduce the treated volume of wastewater.

Project Description

The Point Pleasant Beach Interceptor (NI-13) in the Northern Service Area was inspected in 2011 and found lengths in poor condition with lining and material lose. This project will include the rehabilitation of 1185 linear feet of 24-inch diameter pipe 2364 linear feet of 27-inch diameter pipe and 3466 linear feet of 30-inch diameter pipe for a total of approximately 7015 linear feet from the NI-13 MH 10-8 to NI-12 MH 13-2 utilizing cured-in-place (CIPP) technology and the rehabilitation of sanitary sewer manholes. This work is not anticipated to require any excavation or result in any permanent disturbance.

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-25	Eligible Project Cost:	$3,900,000
Rank:	393		
County:	Bergen	Total State Amount:	$3,900,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.563365
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.563365

Project Name, Number

Bergen County Utilities Authority
S340386-25
Sanitary Sewer System Rehabilitation

Priority List Rank

393

County

Bergen

Existing Population

563,365

Service Area

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

Need for Project

The NVFM is comprised of 42-inch diameter prestressed concrete cylinder pipe (PCCP). The force main extends a distance of 22,679 feet from Harrington Park Pumping Station to its connection with the Hackensack Valley Trunk Sewer in the Borough of Oradell. A 2014 condition assessment inspection identified concerns and recommended the replacement of segments of the 42-inch PCCP. BCUA plans to replace approximately 260 linear feet of this 42-inch PCCP section. In addition, the project includes the installation of four air release valves along the Northern Valley Force Main and the installation of one air release valve along the Northvale Force Main. The air release valves are proposed at locations of gas pockets that were detected during the condition assessment of the two force mains.

Project Description

BCUA's Northern Valley Force Main performed a condition assessment of 42-inch prestressed concrete cylinder (PCCP) pipe and identified segments of PCCP that are need of replacement.

Anticipated Recipient:	Monmouth County Bayshore Outfall Authority		
Project No.:	S340325-04	Eligible Project Cost:	$2,600,000
Rank:	394		
County:	Monmouth	Total State Amount:	$2,600,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.55
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.55

Project Name, Number

Monmouth County Bayshore Outfall Authority
S340325-04
Sanitary Sewer System Rehabilitation

Priority List Rank

394

County

Monmouth

Existing Population

550,000

Service Area

MCBOA serves two customers, the Bayshore Regional Sewerage Authority (BRSA) and the Township of Middletown Sewerage Authority (TOMSA), which collectively serve most of the communities along the Bayshore. These communities include the Boroughs of Atlantic Highlands, Highlands, Keansburg, Keyport, Matawan, and Union Beach, as well as, the Townships of Aberdeen, Hazlet, Holmdel, Middletown and a portion of northern Marlboro that is located in the franchise area of the Western Monmouth Utilities Authority but is served by the BRSA.

Need for Project

MCBOA owns and operates approximately 72,000 LF of force main, which was constructed in the early 1970s out of PCCP ranging in size from 36-inch to 48-inch in diameter. Due to its large diameter and high internal pressure, failure of PCCP can be catastrophic impacting environmentally sensitive areas including shellfish beds, cause significant property damage, and pose a public safety risk. Since the late 1990's MCBOA has experienced several leaks and/or breaks that have resulted in shellfish bed closures and raised concerns with the potential for force main failure.

Project Description

MCBOA's Force Main Rehabilitation Project includes the rehabilitation and/or repair of its existing 14 mile pre-stressed concrete cylinder pipe (PCCP) force main where necessary. Improvements may include internal lining of the existing 36-inch to 48-inch force main, replacement of pipe or joint sections or other miscellaneous improvements.

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340709-02	Eligible Project Cost:	$15,673,755
Rank:	395		
County:	Camden	Total State Amount:	$15,673,755

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.508932
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.508932

Project Name, Number	Priority List Rank
Camden County Municipal Utilities Authority S340709-02 Sanitary Sewer System Rehabilitation	395

County

Camden

Existing Population

508,932

Service Area

Entire

Need for Project

Several portions of the service area are suspected of being subject to excessive II.

Project Description

The proposed project consists of implementing the necessary measures to eliminate excessive II including replacement grouting and other measures.

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-28	Eligible Project Cost:	$2,550,000
Rank:	396		
County:	Camden	Total State Amount:	$2,550,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.507
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.507

Project Name, Number

Camden County Municipal Utilities Authority
S340640-28
Emergency Repair

Priority List Rank

396

County

Camden

Existing Population

507,000

Service Area

Camden County, NJ

Need for Project

conveyance of sanitary wastewater from various locations in the County to the Delaware #1 WPCF

Project Description

The CCMUA owns and operates 135 miles of interceptors throughout Camden County. One portion of the system, a force main in Berlin Twp, was found to be leaking on November 21, 2019. During the repair, it was determined the pipe was corroded at bottom which was due to forces from outside the pipe which is irregular for a force main break. During the repair, another section of force main began to leak. This section of pipe was corroded in the same fashion as the first. This section was also replaced. Thereafter, another section of pipe was weeping. This section was not repaired because the Authority did not want to "chase" the pipe down the roadway. The CCMUA declared an emergency and hired a design consultant to ascertain the cause of the corrosion and prepare a design for the rehabilitation or replacement of the damaged force main.

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-30	Eligible Project Cost:	$7,375,000
Rank:	396		
County:	Camden	Total State Amount:	$7,375,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.507
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.507

Project Name, Number	Priority List Rank
Camden County Municipal Utilities Authority S340640-30 Sanitary Sewer System Rehabilitation	396

County

Camden

Existing Population

507,000

Service Area

Camden County, NJ

Need for Project

conveyance of sanitary wastewater from various locations in the County to the Delaware #1 WPCF

Project Description

Electrical system upgrades including switch gear replacement at 4 CCMUA pumping stations.

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340768-02	Eligible Project Cost:	$15,673,755
Rank:	398		
County:	Bergen	Total State Amount:	$15,673,755

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.49114
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.49114

Project Name, Number	Priority List Rank
Bergen County Utilities Authority S340768-02 Sanitary Sewer System Rehabilitation	398

County

Bergen

Existing Population

491,140

Service Area

The BCUA currently serves 46 municipalities.

Need for Project

BCUA conducted an InfiltrationInflow(II) analysis and concluded that excessive II existed in the sewer system. Additional studies are underway to further define the quantity of excessive II and to propose an InfiltrationInflow correction program to eliminate a portion of the excessive II.

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:	Rahway Valley Sewerage Authority		
Project No.:	S340547-08	Eligible Project Cost:	$1,713,312
Rank:	399		
County:	Union	Total State Amount:	$1,713,312

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.25
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.25

Project Name, Number | **Priority List Rank**

Rahway Valley Sewerage Authority
S340547-08 | 399
Sanitary Sewer System Rehabilitation

County

Union

Existing Population

250,000

Service Area

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

Need for Project

The proposed project will restore the structural integrity and hydraulic capacity of approximately 1400 lin. ft. of 60-inch diameter reinforced concrete pipe that has become deteriorated due to the presence of hydrogen sulfide gas.

Project Description

The proposed project includes the cleaning and removal of debris from the pipe by-pass pumping installation of a 60-inch diameter cured-in-place liner TV inspection of the completed project and restoration of flow through the repaired pipe.

Anticipated Recipient:	Rahway Valley Sewerage Authority		
Project No.:	S340547-03	Eligible Project Cost:	$5,938,953
Rank:	399		
County:	Union	Total State Amount:	$5,938,953

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.25
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.25

Project Name, Number

Rahway Valley Sewerage Authority
S340547-03
Sanitary Sewer System Rehabilitation

Priority List Rank

399

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 II report indicates that the RVSAs sewer system is susceptible to an excessive II of 3 mgd which may be cost-effectively removed. This will be verified in the upcoming SSES phase. An InfiltrationInflow correction program will follow thereafter.

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-24	Eligible Project Cost:	$998,209
Rank:	399		
County:	Atlantic	Total State Amount:	$998,209

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.25
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.25

Project Name, Number	Priority List Rank
Atlantic County Utilities Authority S340809-24 Sewage Treatment Plant (STP) - Improvement/Upgrade	399

County

Atlantic

Existing Population

250,000

Service Area

Atlantic County Shore Communities: Longport, Margate, Ventnor, Atlantic City and Brigantine. Atlantic County Offshore Communities: Galloway Township, Absecon, Pleasantville, Northfield, Linwood, Somers Point, Egg Harbor Township, Hamilton Township and Egg Harbor City

Need for Project

N/A - Wastewater Treatment Project

Project Description

(Carryover SFY2015) - The proposed project includes several mitigation measures to make the ACUAs pump stations resistant to storm conditions.

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-29	Eligible Project Cost:	$2,718,518
Rank:	399		
County:	Atlantic	Total State Amount:	$2,718,518

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.25
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.25

Project Name, Number	Priority List Rank
Atlantic County Utilities Authority S340809-29 Sanitary Sewer System Rehabilitation	399

County

Atlantic

Existing Population

250,000

Service Area

The ACUA Wastewater Treatment facility has 14 participating communities (Absecon, Atlantic City Sewerage Company, Brigantine, Egg Harbor City, Egg Harbor Township, Galloway Township, Hamilton Township, Linwood, Longport, Margate, Northfield, Pleasantville, Somers Point, and Ventnor) along with outside sludge customers that bring their sludge to the ACUA's facility.

Need for Project

The project will be used to replace a portion of the ACUA's Brigantine Force Main.

Project Description

The project will be to replace a portion of the ACUAs Brigantine Force Main.

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-30	Eligible Project Cost:	$10,063,461
Rank:	403		
County:	Atlantic	Total State Amount:	$10,063,461

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.229741
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.229741

Project Name, Number	Priority List Rank
Atlantic County Utilities Authority S340809-30 Sanitary Sewer System Rehabilitation	403

County

Atlantic

Existing Population

229,741

Service Area

The ACUA Wastewater Treatment facility has 14 participating communities (Absecon - 8,283, Atlantic City Sewerage Company - 38,429, Brigantine - 8,963, Egg Harbor City - 4,174, Egg Harbor Township - 43,296, Galloway Township - 36,563, Hamilton Township - 26,408, Linwood - 6,855, Longport - 876, Margate - 6,083, Northfield - 8,360, Pleasantville - 20,732, Somers Point - 10,480, and Ventnor - 10,239) along with outside sludge customers that bring their sludge to the ACUA's facility. Note: Populations totals shown are from 2017.

Need for Project

This project will be the replacement of a portion of the ACUA's Ventnor-Margate Forcemain.

Project Description

This project will be the replacement of a portion of the ACUA's Ventnor-Margate Forcemain.

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340902-08	Eligible Project Cost:	$1,753,729
Rank:	404		
County:	Gloucester	Total State Amount:	$1,753,729

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.2
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.2

Project Name, Number

Gloucester County Utilities Authority
S340902-08
Sanitary Sewer System Rehabilitation

Priority List Rank

404

County

Gloucester

Existing Population

200,000

Service Area

Clayton Borough Deptford Twp. Glassboro Borough Mantua Twp. Monroe Twp. National Park Borough Paulsboro Borough Washington Twp. Wenonah Borough W. Deptford Twp. Woodbury City Woodbury Hts Borough and parts of E. Greenwhich Twp. Elk Twp. and Monroe Twp.

Need for Project

The improvements will allow GCUA to adequately handle current flows and will increase the efficency and longevity of the pump stations.

Project Description

The proposed improvements include electrical service improvements and replacement of distribution panels at the Mantua Creek and the Warren Street Pump Stations.

Anticipated Recipient:	Plainfield Area Regional Sewerage Authority		
Project No.:	S340949-05	Eligible Project Cost:	$3,997,392
Rank:	405		
County:	Union	Total State Amount:	$3,997,392

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.1
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.1

Project Name, Number

Plainfield Area Regional Sewerage Authority
S340949-05
Pump Stations

Priority List Rank

405

County

Union

Existing Population

100,000

Service Area

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

Need for Project

These projects are needed to maintain reliable sewage conveyance. These projects will update existing facilities that are no longer reliable. Failure of the existing facilities will result in a large sewage spill.

Project Description

The Plainfield Area Regional Sewerage Authority proposes to construct a pump station to replace the Rock Avenue siphon in PlainfieldNorth Plainfield and convert one of the existing siphon barrels into a force main. The siphon was constructed circa 1913 and a portion was rebuilt in 1973. The siphon has become problematic and unreliable. The pump station will be sized for a peak flow of 7.0 MGD. One of the existing 20 CIP siphon barrels will be lined with 18 HDPE. The second contract will be to slipline 800 L.F. of 42 diameter RCP with 36 PVC liner. The existing pipe has extensive damage and is in danger of failure.

Anticipated Recipient:	Two Rivers Water Reclamation Authority		
Project No.:	S340117-05	Eligible Project Cost:	$26,849,966
Rank:	405		
County:	Monmouth	Total State Amount:	$26,849,966

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.1
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.1

Project Name, Number	Priority List Rank
Two Rivers Water Reclamation Authority S340117-05 Sanitary Sewer System Rehabilitation	405

County

Monmouth

Existing Population

100,000

Service Area

Eatontown Fair Haven Fort Monmouth Little Silver Monmouth Beach Oceanport Red Bank Rumson Sea Bright Shrewsbury Shrewsbury Township a portion of Tinton Falls West Long Branch

Need for Project

The Authority treats over 12 million gallons per day of sewage which approximates 4 billion gallons per year. All of the sewage treated by the Authority flows first to the Main Pump Station. The continuous operation of the Main Pump Station station is critical to the Authoritys ability to protect the environment.

Project Description

The proposed project includes replacement of the main pumping station.

Anticipated Recipient:	Two Rivers Water Reclamation Authority		
Project No.:	S340117-04	Eligible Project Cost:	$500,308
Rank:	405		
County:	Monmouth	Total State Amount:	$500,308

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.1
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.1

Project Name, Number	Priority List Rank
Two Rivers Water Reclamation Authority S340117-04 Sanitary Sewer System Rehabilitation	405

County

Monmouth

Existing Population

100,000

Service Area

Eatontown Fair Haven Fort Monmouth Little Silver Monmouth Beach Oceanport Red Bank Rumson Sea Bright Shrewsbury Shrewsbury Township a portion of Tinton Falls West Long Branch

Need for Project

Installation of a bypass connection will allow pump stations to be bypassed in the event of a major equipment failure. Installation of flow meters will allow for the analysis of extraneous flows.

Project Description

The proposed project includes installation of a bypass connections and flow meters at Station 13.

Anticipated Recipient:	Woodbridge Township		
Project No.:	S340433-12	Eligible Project Cost:	$28,919,899
Rank:	408		
County:	Middlesex	Total State Amount:	$28,919,899

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.099585
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.099585

Project Name, Number	Priority List Rank
Woodbridge Township S340433-12 Sanitary Sewer System Rehabilitation	408

County

Middlesex

Existing Population

99,585

Service Area

The existing Segment 5 is 48-inch RCP pipe traveling approximately 5,050 feet from the Route 440 Siphon Outlet Chamber to the Smith Street Siphon Inlet Chamber. Flow from the Perth Amboy Metering Chamber enters the 48-inch Interceptor upstream of Maplewood Avenue.

Need for Project

None

Project Description

The Keasbey Interceptor Segment Five consists of a 48-inch Reinforced Concrete Pipe (RCP) (approximate length of 4,545 feet from the Route 440 Siphon Outlet Chamber to the Smith Street Siphon Inlet Chamber located in the Township of Woodbridge. Segment Five includes 21 gravity pipe sections, (20) manholes, the Route 440 Siphon Outlet Chamber, and the Smith Street Siphon Inlet Chamber (Interceptor Sewer System). Flow from the City of Perth Amboy (C/PA) is pumped to the Perth Amboy Metering Chamber and then flows by gravity to the Segment Five Interceptor sewer system upstream of Maplewood Avenue. The Interceptor Sewer System carries 16.1 MGD dry weather flow and 38.1 MGD peak wet weather flow. Overall, Segment Five was found to be in a highly deteriorated condition due to hydrogen sulfide corrosion. Based on these condition assessments, various alternatives were examined for the rehabilitation and the mitigation of odors and corrosion for the Interceptor Sewer System.

Anticipated Recipient:	Woodbridge Township		
Project No.:	S340433-11	Eligible Project Cost:	$13,083,362
Rank:	408		
County:	Middlesex	Total State Amount:	$13,083,362

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.099585
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.099585

Project Name, Number

Woodbridge Township
S340433-11
Sanitary Sewer System Rehabilitation

Priority List Rank

408

County

Middlesex

Existing Population

99,585

Service Area

The Port Reading Interceptor has experienced odor and corrosion problems for many years. The 36" diameter reinforced concrete gravity sewer receives the majority of the flow from the Borough of Carteret by way of a 15,300 ft long, 27" diameter force main comprised of prestressed concrete cylinder pipe. The condition of this force main has deteriorated. Of the estimated 3.5 MGD dry weather flow in the Port Reading Interceptor, approximately 0.4 MGD of flow is contributed from the Cliff Road Pump Station through 1,200 ft of 12" diameter Ductile Iron force main. Virtually all of the concrete in Port Reading Interceptor above the waterline, as well as the manholes between the discharge of Carteret force main and the Woodbridge siphon are severely corroded due to the presence of hydrogen sulfide (H2S) and must be rehabilitated or replaced.

Need for Project

NONE

Project Description

The Port Reading Interceptor consists of a 36-inch Reinforced Concrete Pipe (RCP) approximate length of 3,594 ft from manhole M1 just downstream of the Carteret metering chamber to the Woodbridge Pumping Station influent manhole just upstream of the Grit Chamber (MH1). Segment 1 includes 16 gravity pipe sections and 17 MH (Interceptor Sewer System). The gravity line is capable of accommodating a 15.93 MGD peak wet weather flow.rate. The Port Reading Interceptor carries 3.5 MGD dry weather flow and 11.0 MGD peak wet weather flow. The Borough of Carteret contributes approximately 86% of the flow and 98% of the sulfide to the interceptor Sewer System. The project seeks to rehabilitate the sewer line and manholes to extend their service life cycle. The intent is: 1) Replace all sections of 36" RCP with direct burried 36" centrifugally cast firberglass reinforced polymer pipe. 2) Replace 15 MH with PVC lined MH

Anticipated Recipient:	Hamilton Township		
Project No.:	S340898-02	Eligible Project Cost:	$13,012,687
Rank:	410		
County:	Mercer	Total State Amount:	$13,012,687

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.09542
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.09542

Project Name, Number	Priority List Rank
Hamilton Township S340898-02 Sanitary Sewer System Rehabilitation	410

County

Mercer

Existing Population

95,420

Service Area

Hamilton Township

Need for Project

The proposed projects will provide the continuing operation of the wastewater conveyance system into the future and avoid potential sewage discharges to surface water from aging infrastructure.

Project Description

The proposed project includes various projects to clean inspect maintain and repair the Hamilton Township sewage treatment system at various locations around the Township.

Anticipated Recipient:	Hamilton Township		
Project No.:	S340898-05	Eligible Project Cost:	$3,032,199
Rank:	410		
County:	Mercer	Total State Amount:	$3,032,199

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.09542
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.09542

Project Name, Number	Priority List Rank
Hamilton Township S340898-05 Sanitary Sewer System Rehabilitation	410

County

Mercer

Existing Population

95,420

Service Area

Hamilton Township

Need for Project

The concrete trunk sewers are over 50 years old and suffer from hydrogen sulfide damage. They will collapse sometime in the next 50 years if not repaired resulting in the overflow of raw sewage into the environment and buildings within Hamilton Township.

Project Description

The proposed project includes rehabilitation of sanitary sewers that are over 50 years old. Most of the pipes involved are concrete trunks 48 inches in diameter or less. All the associated man holes structures and some adjacent contributory pipes will also be refurbished. Total length of pipe involved is about one half mile. The majority will be lined. Some spot repairs or pipe replacement may be needed. The pipes involved are mostly under Newkirk Avenue and Wert Avenue in Hamilton Township.

Anticipated Recipient:	Hamilton Township		
Project No.:	S340898-04	Eligible Project Cost:	$6,739,361
Rank:	410		
County:	Mercer	Total State Amount:	$6,739,361

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.09542
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.09542

Project Name, Number	Priority List Rank
Hamilton Township S340898-04 Sanitary Sewer System Rehabilitation	410

County

Mercer

Existing Population

95,420

Service Area

Hamilton Township

Need for Project

The concrete trunk sewers are over 50 years old and suffer from hydrogen sulfide damage. They will collapse sometime in the next 50 years if not repaired resulting in the overflow of raw sewage into the environment and buildings within Hamilton Township.

Project Description

The proposed project includes rehabilitation of sanitary sewers that are over 50 years old. Most of the pipes involved are concrete trunks 39 inches in diameter or less. All the associated man holes structures and some adjacent contributory pipes will also be refurbished. Total length of pipe involved is about one mile. The majority will be lined. Some spot repairs or pipe replacement may be needed. The pipes involved are mostly under Hamilton Avenue in Hamilton Township.

Anticipated Recipient:	Rockaway Valley Regional Sewer Authority		
Project No.:	S340821-06-1	Eligible Project Cost:	$737,578
Rank:	413		
County:	Morris	Total State Amount:	$737,578

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.093
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.093

Project Name, Number

Rockaway Valley Regional Sewer Authority
S340821-06-1
Sanitary Sewer System Rehabilitation

Priority List Rank

413

County

Morris

Existing Population

93,000

Service Area

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

Need for Project

This project was needed to prevent the discharge of untreated wastewater to the Rockaway River resulting from Hurricane Irene's destruction of a portion of the Jersey City Trunk Sewer.

Project Description

Supplemental loan for the project to replace the portion of the Jersey City Trunk Sewer destroyed during Hurricane Irene with a new pumping station at Monroe Street and a small grinder pumping station at Harrison Street and related force mains and interconnecting sewers, and to rehabilitate approximately 4,900 LF of the existing Jersey City Trunk Sewer.

Anticipated Recipient:	Rockaway Valley Regional Sewer Authority		
Project No.:	S340821-06	Eligible Project Cost:	$6,543,350
Rank:	413		
County:	Morris	Total State Amount:	$6,543,350

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.093
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.093

Project Name, Number

Rockaway Valley Regional Sewer Authority
S340821-06
Sanitary Sewer System Rehabilitation

Priority List Rank

413

County

Morris

Existing Population

93,000

Service Area

n/a

Need for Project

n/a

Project Description

(Carryover SFY2015) - The design of a permanent gravity sewer connection of the Park section sewers which previously crossed under Route I-287 and connected to the Jersey City Trunk Sewer (JCTS)just upstream of the river crossing. The new gravity sewer will extend the existing sewer along Morris Avenue and connect to the existing JCTS on the west side of Route I-287. The construction of a pumping station located upstream of the washout on Monroe Street will discharge into a 12 force main located along Lincoln Street which will connect to the existing JCTS downstream of the washed out river crossing. In addition gravity sewers will be constructed on Monroe St and Forbush St to provide service to the properties that were discharging into the now abandon portion of the JCTS. The Authority also proposes to rehabilitate approximately 4400 lf of Jersey City Trunk Sewer will remain in service receiving wastewater flow from the new Lincoln Street force main.

Anticipated Recipient:	Lakewood Township Municipal Utilities Authority		
Project No.:	S340465-01	Eligible Project Cost:	$708,917
Rank:	415		
County:	Ocean	Total State Amount:	$708,917

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.092843
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.092843

Project Name, Number	Priority List Rank
Lakewood Township Municipal Utilities Authority S340465-01 Sanitary Sewer System Rehabilitation	415

County

Ocean

Existing Population

92,843

Service Area

Lakewood Township

Need for Project

This project will improve the systems resiliency during storm events.

Project Description

The proposed project includes elimination of two sewage lift stations.

Anticipated Recipient:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-06	Eligible Project Cost:	$7,944,881
Rank:	416		
County:	Bergen	Total State Amount:	$7,944,881

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.09171
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.09171

Project Name, Number

Northwest Bergen County Utilities Authority
S340700-06
Sanitary Sewer System Rehabilitation

Priority List Rank

416

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 InfiltrationInflow (II) analysis has concluded that excessive II exists within the Authoritys sewer system. Additional studies will be required to further define the quantity of excessive II and to propose an InfiltrationInflow correction program to eliminate a portion of the excessive II.

Project Description

This proposed project will consist of an InfiltrationInflow correction program to remove a portion of the excessive II. This project is presently in the planning stage.

Anticipated Recipient:	Toms River Municipal Utilities Authority		
Project No.:	S340145-05	Eligible Project Cost:	$3,100,000
Rank:	417		
County:	Ocean	Total State Amount:	$3,100,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.091239
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.091239

Project Name, Number

Toms River Municipal Utilities Authority
S340145-05
Sanitary Sewer System Rehabilitation

Priority List Rank

417

County

Ocean

Existing Population

91,239

Service Area

The Toms River Municipal Utilities Authority (TRMUA) serves approximately 43,000 customers throughout Toms River, Ocean County, New Jersey. Toms River has a population of 90,463 with a density of 2,323 people/sq. mile of land area (Data from hometownlocator.com as of Jul 2018). The median household income in 2018 was $77,971 (hometownlocator.com). The TRMUA collects wastewater from the Twp of Toms River and portions of the surrounding communities of Lavallette, Island Heights, Berkeley Township, Manchester Township, Brick Township and Jackson Township, through an infrastructure consisting of: approximately 430 miles of gravity sewer mains and collectors; over 9,600 manholes; 20 pump stations and force mains. The collected wastewater is conveyed to the Ocean County Utilities Authority (OCUA) Central Plant for treatment and subsequent disposal. The TRMUA (fka DSA, DMUA) was established in 1949 and has been providing public sanitary sewer service to its patrons for 69 years.

Need for Project

Although the TRMUA has rigorous preventative maintenance programs, regular ongoing studies & inspections have revealed that continuing maintenance and upgrades/rehabilitations are necessary. In this regard the TRMUA has had a Capital Improvement Program (CIP). The goal of the CIP is to ensure that the TRMUA infrastructure is to provide efficient operations while preventing catastrophic failures which could result in a detriment to the surrounding water bodies which are contributory to the Barnegat Bay. The CIP is a result of thorough Infrastructure Inspection and Analysis. Since the TRMUA began aggressive rehabilitation of pipes and manholes beginning in the year 2010, the metered treatment flows have been consistently below the average from previous decades. The reduction has been approximately 400 MG/Yr.

Project Description

Dig/Replace Pipe [Contract SRDR-01-19]: Rehabilitate via excavation, removal/replacement of approximately 30 separate locations of different Pipe sections, which suffer from sags, offset joints, etc, and are not conducive to trenchless rehabilitation. Lakehurst Rd Force Main & Foster Rd Pipe Replacement [Contract SRDR-02-19]: Lakehurst Rd: Installation of approximately 550 LF of four-inch diameter (4") HDPE, and a separate alignment of approximately 800 LF of four-inch diameter (4") HDPE to replace/supplement one (1) existing alignment of 2,400 LF of eight- inch diameter (8" , circa 1965), The two (2) new, Force Mains will serve not only as supplemental/backup to the existing Force Main, but also as a means to inspect the conditions of each Force Main. Foster Rd: Replace/abandon sagged, 150 LF of sixteen-inch diameter (16" , circa 1968) gravity pipe with PVC Sewer/Manhole Rehabilitation [Contract SR-01-19]: Rehabilitate several pipes/manholes, via Cured-In-Place Lining

Anticipated Recipient:	Toms River Municipal Utilities Authority		
Project No.:	S340145-06	Eligible Project Cost:	$754,200
Rank:	417		
County:	Ocean	Total State Amount:	$754,200

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.091239
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.091239

Project Name, Number

Toms River Municipal Utilities Authority
S340145-06
Equipment Purchase (Clean Water)

Priority List Rank

417

County

Ocean

Existing Population

91,239

Service Area

The Toms River Municipal Utilities Authority (TRMUA) serves approximately 43,000 customers throughout Toms River, Ocean County, New Jersey. Toms River has a population of 90,463 with a density of 2,323 people/sq. mile of land area (2010 Census Data). The median household income in 2018 was $77,971 (hometownlocator.com). The TRMUA collects wastewater from the Twp of Toms River and portions of the surrounding communities of Lavallette, Island Heights, Berkeley Township, Manchester Township, Brick Township and Jackson Township, through an infrastructure consisting of: approximately 430 miles of gravity sewer mains and collectors; over 9,600 manholes; 20 pump stations and force mains. The collected wastewater is conveyed to the Ocean County Utilities Authority (OCUA) Central Plant for treatment and subsequent disposal. The TRMUA (fka DSA, DMUA) was established in 1949 and has been providing public sanitary sewer service to its patrons for 69 years.

Need for Project

The TRMUA aggressively inspects interior conditions of approximately 430 miles of gravity sewer mains for purposes of determining necessary pipe repairs/replacements, etc. The current TV Inspection Truck has outlived its useful life and a replacement is needed to effectively continue the uninterrupted assessments of the aging infrastructure. PS 10 has an existing natural gas-powered emergency generator that is at, or nearing, the end of its useful life. In recent years, the existing generator has been utilized during significant storms and heavy winds, due to power losses. It has been determined that the existing stationary, standby generator should be replaced soon, in order to maintain uninterrupted sanitary sewer service. PS 16 is TRMUAs largest pump station, processing ~ 1.2 MGD, and it has been determined that the existing influent channel comminutors are nearing the end of their useful lives. New comminutors/grinders are now desired to promote a smoother influent flow.

Project Description

Purchase of (i) One Closed Circuit TV, San Sewer Pipe Inspection Truck, (ii) One NatGas-powered emergency generator (and installation) for PS 10, (iii) Two Comminutors/Dimminutors/Grinders (and installation) for PS 16

Anticipated Recipient:	Ocean County Utilities Authority		
Project No.:	S340372-60	Eligible Project Cost:	$870,000
Rank:	419		
County:	Ocean	Total State Amount:	$870,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.078802
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.078802

Project Name, Number	Priority List Rank
Ocean County Utilities Authority S340372-60 Sanitary Sewer System Rehabilitation	419

County

Ocean

Existing Population

78,802

Service Area

The Southern Service Area (SSA) is depicted in Figures 1 and 2. The SSA provides service to the municipalities of Barnegat Light, Beach Haven, Eagleswood, Harvey Cedars, Little Egg Harbor, Long Beach, Ship Bottom, Stafford, Surf City, and Tuckerton. The Authority's SSA is comprised of the SWPCF located in Stafford Township, 13 pump/lift stations, 15 miles of force main, and 27 miles of gravity interceptors. The SWPCF was placed into operation in 1977, provides secondary treatment, and is rated at a capacity of 20 MGD Effluent is discharged into the Atlantic Ocean through an outfall diffuser located approximately 6,000 feet from the shore of Ship Bottom Beach in accordance with NJPDES Permit No. NJ0026018.

Need for Project

The Interceptor Rehabilitation project is intended to provide improved effluent quality through improvements to the structural integrity of the influent conveying system as well as improvements to the reliability of these facilities. All improvements will increase the useful life the facilities. Failure to implement the improvements could result in a spill of raw wastewater, which is not acceptable.

Project Description

The Manahawkin Interceptor, SI-4 is primarily a 24 inch diameter gravity interceptor located along east bound Rte. 72 in Stafford Township, New Jersey, in the Authority's Southern Service Area. It was installed in 1977 using Pre-stressed Concrete Cylinder Pipe (PCCP). SI-4 conveys wastewater flow from an area beginning at the municipal boundary between Stafford Township and Barnegat Township (west of the Garden State Parkway, Exit 63) and discharges into the SI-2 Interceptor near the intersection of Route 9 and Rt. 72. Cured-in-place pipe technology (CIPP) will be used to rehabilitate approximately 2,139 linear feet of 24-inch diameter PCCP in SI-4 from MH 10-6 to MH 12-2 (See Figure No. 4). This work will also include the rehabilitation of manholes, as required. The CIPP lining will require bypassing of flows while the CIPP liner is installed, and portions of the bypass pipe require minor excavation of existing roads to temporarily bury the bypass pipe.

Anticipated Recipient:	Two Rivers Water Reclamation Authority		
Project No.:	S340117-03	Eligible Project Cost:	$3,866,213
Rank:	420		
County:	Monmouth	Total State Amount:	$3,866,213

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.078706
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.078706

Project Name, Number	Priority List Rank
Two Rivers Water Reclamation Authority S340117-03 Pump Stations	420

County

Monmouth

Existing Population

78,706

Service Area

Eatontown Fair Haven Fort Monmouth Little Silver Monmouth Beach Oceanport Red Bank Rumson Sea Bright Shrewsbury Shrewsbury Township a portion of Tinton Falls West Long Branch

Need for Project

Recent failures have necessitated the upgrade of the Two Rivers Water Reclamation Authoritys main pumping station.

Project Description

The proposed project includes installation of two turbine pumps mounted inside existing manholes installation of an emergency generator and installation of all associated electronics and mechanical appurternances associated with the generator and pumps.

Anticipated Recipient:	Clifton City		
Project No.:	S340844-01	Eligible Project Cost:	$430,399
Rank:	421		
County:	Passaic	Total State Amount:	$430,399

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.078672
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.078672

Project Name, Number	Priority List Rank
Clifton City S340844-01 Sanitary Sewer System Rehabilitation	421

County

Passaic

Existing Population

78,672

Service Area

City of Clifton

Need for Project

A sewer system evaluation survey found excessive infiltrationinflow (II). Raw sewage overflows were reported to have occurred on area streets.

Project Description

The proposed project includes the abandonment of an existing 24 diameter sewer and transfer service to an adjacent 36 diameter sewer to abate infiltration and inflow sources.

Anticipated Recipient:	Clifton City		
Project No.:	S340844-05	Eligible Project Cost:	$3,340,073
Rank:	421		
County:	Passaic	Total State Amount:	$3,340,073

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.078672
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.078672

Project Name, Number	Priority List Rank
Clifton City S340844-05 Sanitary Sewer System Rehabilitation	421

County

Passaic

Existing Population

78,672

Service Area

City of Clifton

Need for Project

This project will greatly reduce the amount of infiltrationinflow from these areas will replace broken and aged sections of the sanitary sewer system and will increase capacity.

Project Description

Project consists of either replacing or relining sections of the vitrified clay sewer pipes that are susceptible to infiltrationinflow or the capacity is restricted due to broken and deteriorated pipe sections.

Anticipated Recipient:	Two Rivers Water Reclamation Authority		
Project No.:	S340117-09	Eligible Project Cost:	$3,750,000
Rank:	423		
County:	Monmouth	Total State Amount:	$3,750,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.078413
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.078413

Project Name, Number

Two Rivers Water Reclamation Authority
S340117-09
Sanitary Sewer System Rehabilitation

Priority List Rank

423

County

Monmouth

Existing Population

78,413

Service Area

The service area for Two Rivers Water Reclamation Authority (TRWRA) includes its 6 member communities (Fair Haven, Little Silver, Monmouth Beach, Oceanport, Shrewsbury Borough, and West Long Branch), as well as, 6 customer communities including Rumson, Sea Bright, Shrewsbury Township, Tinton Falls, Eatontown and Red Bank. All communities are located within Monmouth County.

Need for Project

TRWRA's existing infrastructure is in need of rehabilitation and/or replacement. Existing components are nearing their life expectancy and in some cases in danger of imminent failure. Portions of the interceptor system being rehabilitated as part of Contracts 169A and 169B are located in easement areas in forested/vegetative areas and various water bodies. Catastrophic failure of these components may result into spillage onto surrounding communities and environmentally sensitive areas impacting the health and safety of its member and customer communities.

Project Description

TRWRA proposes three separate contracts for improvements to its collection system and pumping infrastructure. Contracts 169A and 169B, Interceptor Rehabilitation, includes cleaning and internal inspection of 16,000 LF of pipe ranging in size from 18 to 42 inches. Other work included in these contracts includes rehabilitation of approximately 2,500 LF of existing pipe using cured in place liners or other trenchless methods, and manhole lining. Contract 155A, Pump Station Rehabilitation, includes various electrical and mechanical upgrades to its existing Pump Station No. 12. Upgrades include new electrical service, new pump station controllers, VFDs, SCADA, odor control and other miscellaneous equipment.

Anticipated Recipient:	Two Rivers Water Reclamation Authority		
Project No.:	S340117-10	Eligible Project Cost:	$74,707,702
Rank:	424		
County:	Monmouth	Total State Amount:	$74,707,702

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.07557
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.07557

Project Name, Number

Two Rivers Water Reclamation Authority
S340117-10
Sanitary Sewer System Rehabilitation

Priority List Rank

424

County

Monmouth

Existing Population

75,570

Service Area

The TRWRA currently services six member towns: Fair Haven, Little Silver, Monmouth Beach, Oceanport, Shrewsbury, West Long Branch, and six customer towns: Red Bank, Eatontown, Rumson, Sea Bright, Shrewsbury Township and Tinton Falls. They service 100% of all towns except Tinton Falls and West Long Branch. The TRWRA services approximately 50% of Tinton Falls and the majority of West Long Branch. US Census Factfinder was utilized to determine the populations for each of the member and customer towns.

Need for Project

The TRWRA conducted an investigation into the 50-year old 48-inch sewer crossing beneath Pleasure Bay which revealed internal corrosion and cracks in the Pleasure Bay Interceptor (PBI). The internal corrosion has impacted the integrity and reliability of the PBI creating an increase risk of failure. The consequences of failure of the PBI would include interruption of service to the communities. The TRWRA has also identified issues with it's 50-year old Main Pump Station (MPS) which receives the wastewater flows conveyed by all of the TRWRA's sanitary sewer system to it's WWTP, making the MPS a critical asset that must operate under all circumstances. MPS experienced significant structural damage to its wet well during Superstorm Sandy. Operationally, it has been noted that under low flow conditions the MPS may intermittently turn off which results in undesirable flow cycling in the TRWRA's WWTP. Also, there are wet well surges , indicating insufficient pumping capacity.

Project Description

Construction of a new 54" Pleasure Bay Interceptor, extending the current 30" Monmouth Beach Interceptor to a new 50 MGD Main Pump Station, installing a new force main to the Headworks/Blower Building, as well as diverting supernatant flow to the new Main Pump Station. Additionally, the project entails demolition of the existing Supernatant Pump Station and Main Pump Station.

Anticipated Recipient:	Brick Township Municipal Utilities Authority		
Project No.:	S340448-12	Eligible Project Cost:	$4,824,000
Rank:	425		
County:	Ocean	Total State Amount:	$4,824,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.075072
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.075072

Project Name, Number	Priority List Rank
Brick Township Municipal Utilities Authority S340448-12 Sanitary Sewer System Rehabilitation	425

County

Ocean

Existing Population

75,072

Service Area

Service area consists of Brick Township.

Need for Project

The proposed sanitary sewer manhole rehabilitation and replacement is required to improve structural stability, reduce the need for emergency repairs of manhole failures, alleviate potential clogging of sanitary sewer pipe with debris from the deteriorated manholes and prevent from potential infiltration and inflow into the deteriorated manholes.

Project Description

The project scope will include rehabilitation and replacement of 74 sanitary sewer manholes in various locations of Brick Township. The manholes show signs of deterioration from moderate to severe. Manholes showing signs of severe deterioration are slated to be replaced, and manholes showing signs of moderate deterioration are slated to be lined with cured-in-place liner. A table detailing the proposed sanitary sewer manhole replacement and lining locations, numbers and sizes is included in the Planning Document.

Anticipated Recipient:	Brick Township Municipal Utilities Authority		
Project No.:	S340448-11	Eligible Project Cost:	$5,278,297
Rank:	425		
County:	Ocean	Total State Amount:	$5,278,297

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.075072
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.075072

Project Name, Number	Priority List Rank
Brick Township Municipal Utilities Authority S340448-11 Sanitary Sewer System Rehabilitation	425

County

Ocean

Existing Population

75,072

Service Area

Service area consists of Brick Township.

Need for Project

The proposed pump station rehabilitation is required to improve pump station effectiveness and efficiency, standardization of equipment and method of operation, provide better access for maintenance, reduce the need to enter confined spaces and perform upgrades for code compliance.

Project Description

The Project generally consists of the rehabilitation of nine (9) wastewater pump stations; Lanes Mill Wastewater Pump Station, Pine Meadows Wastewater Pump Station, Riviera Drive Wastewater Pump Station, Sloping Hill Wastewater Pump Station, Cape Breton Wastewater Pump Station, Sea View Village Wastewater Pump Station, Burnt Tavern Manor Wastewater Pump Station, Green Briar II Wastewater Pump Station and Laurel Brook Wastewater Pump Station. The rehabilitation includes converting six (6) dry well/wet well type pump station to submersible type pump stations, converting one (1) eject type pump station to submersible type pump station and replacing existing submersible pumps at two (2) pump stations.

Anticipated Recipient:	Brick Township Municipal Utilities Authority		
Project No.:	S340448-13	Eligible Project Cost:	$4,060,000
Rank:	425		
County:	Ocean	Total State Amount:	$4,060,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.075072
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.075072

Project Name, Number	Priority List Rank
Brick Township Municipal Utilities Authority S340448-13 Sanitary Sewer System - New	425

County

Ocean

Existing Population

75,072

Service Area

The project service area is located within the public right-of-ways with the Township of Brick, along Cartagena Drive, Alhama Drive, Cadiz Drive, Valencia Drive, and Monterey Drive.

Need for Project

The existing water infrastructure is considered under this loan application.The Asset Management Plan (AMP) recommends the replacement of the sanitary sewer mains to meet the public sewer utility standards for the reliable service.

Project Description

The proposed project includes a sanitary sewer main replacement of approximately 6,350 linear feet (LF) along Cartagena Drive, Alhama Drive, Cadiz Drive, Valencia Drive, and Monterey Drive, located within the Baywood Section of the Township of Brick, to reinforce the collection system. This replacement includes the installation of 8 and 10 inch polyvinyl chloride (PVC) pipe that consists of site clearing, service laterals, man hole replacement, site restoration, curb to curb paving and related appurtenances.This project was planned as a direct result of the Township's ongoing Water and Sewer System Asset Management plans and will be bid out as a single CONTRACT to coincide with the water main replacement project in the Baywood Section.

Anticipated Recipient:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-15	Eligible Project Cost:	$4,733,200
Rank:	428		
County:	Bergen	Total State Amount:	$4,733,200

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.075
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.075

Project Name, Number

Northwest Bergen County Utilities Authority
S340700-15
Sanitary Sewer System Rehabilitation

Priority List Rank

428

County

Bergen

Existing Population

75,000

Service Area

The Authority's service area includes 11 municipalities including the Borough's of Allendale, Ho-Ho-Kus, Midland Park, Ramsey and Waldwick. Partially served are the municipalities of Mahwah, Wyckoff, Saddle River, Upper Saddle River, Franklin Lakes and Ridgewood.

Need for Project

The Authoritys four main pump stations range in age from 35 to 45 years old. The Pump Station Upgrades, is required as various components of each station are nearing or have surpassed its life expectancy and for improved reliability and parts availability purposes. The building and site upgrades are required to protect critical control and pumping equipment within the pump station buildings from potential water damage. Failure of this infrastructure would cause backups and potential spillage onto adjacent water bodies.

Project Description

The Authority proposes various mechanical, electrical and structural improvements to four existing pumping stations including Midland Park PS, Ho-Ho-Kus PS, Darlington PS, and Goffle Rd PS. Improvements include pump replacement, VFD and electrical equipment replacement, roof and grading modifications, as well as other miscellaneous improvements.

Anticipated Recipient:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-14	Eligible Project Cost:	$3,089,200
Rank:	428		
County:	Bergen	Total State Amount:	$3,089,200

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.075
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.075

Project Name, Number

Northwest Bergen County Utilities Authority
S340700-14
Sanitary Sewer System Rehabilitation

Priority List Rank

428

County

Bergen

Existing Population

75,000

Service Area

The Authority's service area includes 11 municipalities including the Borough's of Allendale, Ho-Ho-Kus, Midland Park, Ramsey and Waldwick. Partially served are the municipalities of Mahwah, Wyckoff, Saddle River, Upper Saddle River, Franklin Lakes and Ridgewood.

Need for Project

The Midland Park Force Main Project, is needed to provide redundancy for the existing 20-inch diameter force main that is over 5,000 feet long. The pump station operates under high head and therefore upstream sections of the force main are subject to high pressure. Any failure of the force main would require pump station shut down for repair of the force main. The Midland Park Pump Station wet well has limited storage capacity and trucking of the sewage during this shutdown would likely not be able to keep up with the high flow coming into the station. As a result, overflows could occur at the pump station which would result in significant environmental impacts due to the stations location adjacent to the Goffle Brook.

Project Description

This project consists of installation of 5,000 feet of 20-inch force main along the same route of the existing force main. This parallel force main will be used as a backup to the existing force main and will be used in the future if the existing force main fails or needs to be shut down for service and/or replacement.

Anticipated Recipient:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-18	Eligible Project Cost:	$10,060,000
Rank:	428		
County:	Bergen	Total State Amount:	$10,060,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.075
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.075

Project Name, Number	Priority List Rank
Northwest Bergen County Utilities Authority S340700-18 Sanitary Sewer System Rehabilitation	428

County

Bergen

Existing Population

75,000

Service Area

The NBCUA provides sanitary sewer service to eleven member municipalities in the northwest section of Bergen County including Allendale, Ho-Ho-Kus, Midland Park, Ramsey and Waldwick, as well as, portions of Mahwah, Wyckoff, Saddle River, Upper Saddle River, Franklin Lakes and Ridgewood.

Need for Project

The majority of the NBCUA's interceptor system was constructed in the late 1960's and 1970's and system components are nearing their life expectancy. In recent years, the NBCUA has experienced some failures in their system. The NBCUA's system traverses throughout 11 municipalities in the northwest section of Bergen County most of which travels through easement areas in forested/vegetative land adjacent to wetlands and various water bodies. A catastrophic failure of the system may result in spillage into adjacent communities and environmentally sensitive areas impacting the health and safety of its member customers.

Project Description

The Authority proposes to rehabilitate two (2) sewer sections of the Trunk Sewer East Interceptor located in an easement area that runs parallel to Franklin Turnpike from Stone Ridge Lane to just south of Rosencrantz Place in the Borough of Ho-Ho-Kus. Work includes cleaning and slip lining approximately 675 lineal feet (LF) of 30" RCP sanitary sewer pipe and miscellaneous site improvements to restore the project site to its original condition. Additionally, as part of the finance application, the Authority proposes to purchase an automated and portable manhole scanner and operating system, the CleverScan Scanning System by Envirosight; a mobile mounted sewer camera; and a truck mounted combination sewer cleaner to assist in the evaluation and assessment of their existing interceptor mains and manholes.

Anticipated Recipient:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-19	Eligible Project Cost:	$8,132,450
Rank:	428		
County:	Bergen	Total State Amount:	$8,132,450

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.075
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.075

Project Name, Number	Priority List Rank
Northwest Bergen County Utilities Authority S340700-19 Sanitary Sewer System Rehabilitation	428

County

Bergen

Existing Population

75,000

Service Area

The NBCUA provides sanitary sewer service to eleven member municipalities in the northwest section of Bergen County including Allendale, Ho-Ho-Kus, Midland Park, Ramsey and Waldwick, as well as, portions of Mahwah, Wyckoff, Saddle River, Upper Saddle River, Franklin Lakes and Ridgewood.

Need for Project

The majority of the NBCUA's interceptor system was constructed in the late 1960's and 1970's and system components are nearing their life expectancy. In recent years, the NBCUA has experienced some failures in their system. The NBCUA's system traverses throughout 11 municipalities in the northwest section of Bergen County most of which travels through easement areas in forested/vegetative land adjacent to wetlands and various water bodies. A catastrophic failure of the system may result in spillage into adjacent communities and environmentally sensitive areas impacting the health and safety of its member customers.

Project Description

The proposed project includes assessment and rehabilitation/repair of the Authority's existing interceptor system based on the criticality of each system component. The existing interceptor mains and manholes are being internally investigated and/or televised to identify potential defect areas and evaluate their feasibility for rehabilitation or repair based on the quantity of flow through the defect, accessibility to the defect and expected life span. Based on the system evaluation, interceptor mains and manholes selected will be rehabilitated or repaired under multiple contracts either using chemical grouting, internal coating systems, Cured-In-Place Pipe (CIPP) lining, sliplining, spiral wound pipe and/or replaced using trenchless or conventional methods.

Anticipated Recipient:	Rockaway Valley Regional Sewer Authority		
Project No.:	S340821-09	Eligible Project Cost:	$1,500,000
Rank:	432		
County:	Morris	Total State Amount:	$1,500,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.07009
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.07009

Project Name, Number	Priority List Rank
Rockaway Valley Regional Sewer Authority S340821-09 Sanitary Sewer System Rehabilitation	432

County

Morris

Existing Population

70,090

Service Area

The member municipalities that are served by RVRSA are: Town of Boonton, Township of Boonton, Township of Denville, Township of Randolph, Borough of Rockaway, Township of Rockaway, Town of Dover, Borough of Victory Gardens and the Borough of Wharton. The Township of Mine Hill and the Picatinney Arsenal are served as customers

Need for Project

To restore RVRSA's ability to convey wastewater flow by gravity to the RVRSA WWTP for treatment and water quality protection

Project Description

Emergency repair of a section of RVRSA's interceptor in the Town of Boonton

Anticipated Recipient:	Woodbridge Township		
Project No.:	S340433-04	Eligible Project Cost:	$1,132,363
Rank:	433		
County:	Middlesex	Total State Amount:	$1,132,363

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.06983
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.06983

Project Name, Number	Priority List Rank
Woodbridge Township S340433-04 Sanitary Sewer System Rehabilitation	433

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 InfiltrationInflow Correction program for Woodbridges 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 6090 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 2389 acres and contains 30.2 miles of sanitary sewer.

Anticipated Recipient:	Middletown Township Sewer Authority		
Project No.:	S340097-05	Eligible Project Cost:	$1,760,462
Rank:	434		
County:	Monmouth	Total State Amount:	$1,760,462

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.066522
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.066522

Project Name, Number	Priority List Rank
Middletown Township Sewer Authority S340097-05 Sanitary Sewer System Rehabilitation	434

County

Monmouth

Existing Population

66,522

Service Area

Middletown Township Highlands Atlantic Highlands

Need for Project

The project is needed to protect the pumping stations and collection system from future storm damage and provide emergency electrical power in the event of a storm.

Project Description

The proposed pump station improvements include reconstruction of one station and installation of generators raising equipment and fuel conversions at others. A portable generator will be purchased and three above grade pipe crossings will be repaired or replaced.

Anticipated Recipient:	Western Monmouth Utilities Authority		
Project No.:	S340128-08	Eligible Project Cost:	$7,800,000
Rank:	435		
County:	Monmouth	Total State Amount:	$7,800,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.066
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.066

Project Name, Number	Priority List Rank
Western Monmouth Utilities Authority S340128-08 Sanitary Sewer System Rehabilitation	435

County

Monmouth

Existing Population

66,000

Service Area

The WMUA provides sewage conveyance and treatment services to the Townships of Manalapan and Marlboro, the Borough of Englishtown and a portion of the Township of Freehold.

Need for Project

The Hawkins Road force main was originally constructed in 1976 and the Mill Ponds force main was originally constructed as an 8" force main in 1974 and replaced in 1994 with a 12" force main. In recent years, these force mains have experienced a number of breaks. It was reported by the WMUA that the outside of the force main pipes showed signs of deterioration in locations where the breaks occurred. The Hawkins Road and Mill Ponds force mains have reached the end of their useful lives and we anticipate that these improvements will decrease potential force main breaks and lower maintenance costs.

Project Description

The project generally consists of the replacement of the Hawkins Road force main, consisting of approximately 5,300 LF of 14" force main and the replacement of the Mill Ponds force main, consisting of approximately 4,555 LF of 12" force main. The project also include air release manholes, connections to existing force mains, back fill and restoration.

Anticipated Recipient:	Western Monmouth Utilities Authority		
Project No.:	S340128-07	Eligible Project Cost:	$2,027,500
Rank:	436		
County:	Monmouth	Total State Amount:	$2,027,500

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.065923
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.065923

Project Name, Number	Priority List Rank
Western Monmouth Utilities Authority S340128-07 Sanitary Sewer System Rehabilitation	436

County

Monmouth

Existing Population

65,923

Service Area

The WMUA provides sewage disposal services to the Townships of Manalapan and Marlboro, the Borough of Englishtown and a portion of the Township of Freehold.

Need for Project

The existing Pine Brook Interceptor was originally constructed in the 1960's and due to existing capacity and surcharge concerns it is necessary to replace this 16" diameter section with new 24" diameter PVC to match the upstream and downstream pipe sections of the interceptor to minimize service disruption and/or potential failure which may impact area residents.

Project Description

The WMUA proposes to replace approximately 2,000 lineal feet (LF) of 16" diameter gravity sewer main, also known as the Pine Brook Interceptor, located along Tarrytown Road in Manalapan Township with new 24" diameter PVC gravity sewer main, as well as, associated manholes and sanitary lateral connections up to the cleanout at the curb.

Anticipated Recipient:	Western Monmouth Utilities Authority		
Project No.:	S340128-05	Eligible Project Cost:	$4,156,000
Rank:	436		
County:	Monmouth	Total State Amount:	$4,156,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.065923
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.065923

Project Name, Number

Western Monmouth Utilities Authority
S340128-05
Sanitary Sewer System Rehabilitation

Priority List Rank

436

County

Monmouth

Existing Population

65,923

Service Area

The WMUA provides sewage disposal services to the Townships of Manalapan and Marlboro, the Borough of Englishtown and a portion of the Township of Freehold.

Need for Project

The existing Route 79 Pump Station and force main was originally constructed in 1968 and expanded in 1980. The age of the buried steel cans and equipment is in excess of 30 years and is a concern for potential failure given the facility's proximity to Big Brook. The existing force main is undersized with velocities in excess of 8 feet per second resulting in almost 120 feet of friction head loss.

Project Description

The WMUA proposes to reconstruct the Route 79 Pump Station and replace the station's existing force main discharge piping located along Route 79. The proposed improvements will include demolition of the existing pump station facilities and installation of a new wet well with submersible type pumps, electrical equipment and controls building, valve chamber and emergency generator. Additionally, the existing 8" force main will be replaced with a new 12" force main to be installed along Route 79 from the pump station to its existing discharge location.

Anticipated Recipient:	Old Bridge Municipal Utilities Authority		
Project No.:	S340945-14	Eligible Project Cost:	$2,110,000
Rank:	438		
County:	Middlesex	Total State Amount:	$2,110,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.065375
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.065375

Project Name, Number	Priority List Rank
Old Bridge Municipal Utilities Authority S340945-14 Sanitary Sewer System Rehabilitation	438

County

Middlesex

Existing Population

65,375

Service Area

The service area is the drainage basin areas of the Raritan Blvd., Deep Run, Commons, Madison Park, Amboy Road, Foxborough II, Country Place, Lakeridge 516, Buttonwood Ave and Farrington Road Sanitary Sewer Pump Stations in Old Bridge Township.

Need for Project

The proposed sanitary sewer pump station upgrades are needed to prevent equipment failure and facilitate maintenance. The maintenance equipment includes a manliest for ease of operator access to the pumps located in the underground pump station dry-well, and communitor equipment to shred solid material in the sewage stream to prevent pump blockages.

Project Description

Installation of Communitor Equipment in ten (10) existing sanitary sewage pump stations and the installation of manlift in the dry well of three (3) existing sanitary sewage pump stations within the Old Bridge Municipal Utilities Authority's Sewage Collection System.

Anticipated Recipient:	Ewing Lawrence Sewer Authority		
Project No.:	S340391-06	Eligible Project Cost:	$2,718,518
Rank:	439		
County:	Mercer	Total State Amount:	$2,718,518

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.064866
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.064866

Project Name, Number	Priority List Rank
Ewing Lawrence Sewer Authority S340391-06 Sanitary Sewer System Rehabilitation	439

County

Mercer

Existing Population

64,866

Service Area

Mountain View section of Ewing Township

Need for Project

The Townships 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 infiltrationinflow correction program including removal of stormwater connections.

Anticipated Recipient:	Gloucester Township Municipal Utilities Authority		
Project No.:	S340364-13	Eligible Project Cost:	$1,122,734
Rank:	440		
County:	Camden	Total State Amount:	$1,122,734

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.064634
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.064634

Project Name, Number	Priority List Rank
Gloucester Township Municipal Utilities Authority S340364-13 Sanitary Sewer System Rehabilitation	440

County

Camden

Existing Population

64,634

Service Area

The project's service area is the entire Authority's collection system.

Need for Project

The vactor truck and new communications do not affect water quality. New slip lining improves water quality by reducing the amount of inflow and infiltration entering the system.

Project Description

The project will consist of three components. The first is the supply and delivery of a new vactor truck for cleaning and jetting the sewer lines. The second component is a new communication system for the pump stations monitoring and control. The third is sanitary sewer system rehabilitation utilizing slip lining technologies.

Anticipated Recipient:	Franklin Township Sewerage Authority		
Project No.:	S340839-08	Eligible Project Cost:	$3,954,040
Rank:	441		
County:	Somerset	Total State Amount:	$3,954,040

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0623
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0623

Project Name, Number	Priority List Rank
Franklin Township Sewerage Authority S340839-08 Sanitary Sewer System - New	441

County

Somerset

Existing Population

62,300

Service Area

Urban and Suburban

Need for Project

None

Project Description

The proposed project generally includes the cleaning and relining of approximately 750 linear feet of existing gravity sanitary sewers, abandonment and filling of 210 linear feet of existing gravity sanitary sewer, installation of 225 linear feet of new gravity sanitary sewer, installation of approximately 970 linear feet of force main and the construction of the Hamilton Street Wastewater Pump Station, including but not limited to, construction of a valve chamber and site paving; installation of submersible pumps, piping, valves, access hatches, stand-by generator, electrical and control equipment, and all other associated work.

Anticipated Recipient:	Franklin Township Sewerage Authority		
Project No.:	S340839-09	Eligible Project Cost:	$7,100,000
Rank:	441		
County:	Somerset	Total State Amount:	$7,100,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0623
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0623

Project Name, Number	Priority List Rank
Franklin Township Sewerage Authority S340839-09 Sanitary Sewer System Rehabilitation	441

County

Somerset

Existing Population

62,300

Service Area

Service Area is Franklin Township Service Area, specifically in and around Marcy Street.

Need for Project

Reduction of extraneous flow.

Project Description

The Franklin Township Sewerage Authority (FTSA) conducted closed circuit television (CCTV) inspection of the sewerage system located in the Marcy Street area. Results of the CCTV inspection determined that a significant portion of the laterals were made up of Orangeburg pipe and showed substantial deterioration. The mainline piping showed signs of deterioration with sections containing dips that were retaining wastewater. The proposed project will involve the cleaning and television inspection of approximately 13,310 feet of existing sewer pipe, gravity sewer and lateral replacement, CIPP lining, service lateral replacement, excavated spot repairs, manhole to manhole cured in place lining (CIPP), manhole rehabilitation, and milling / paving of the roadways. These changes will significantly improve the structural integrity of the sewerage system and reduce extraneous flows into the sewerage system.

Anticipated Recipient:	Franklin Township Sewerage Authority		
Project No.:	S340839-06	Eligible Project Cost:	$16,690,000
Rank:	441		
County:	Somerset	Total State Amount:	$16,690,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0623
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0623

Project Name, Number	Priority List Rank
Franklin Township Sewerage Authority S340839-06 Pump Stations	441

County

Somerset

Existing Population

62,300

Service Area

Urban and suburban

Need for Project

None

Project Description

The project will consist of the installation of new and replacement of existing gravity sewer totalizing 3,800 LF of 8", 12", 15", 21", and 24" pipe, construction of a pump station and 1,300 LF each of 10" and 16" force main.

Anticipated Recipient:	Franklin Township Sewerage Authority		
Project No.:	S340839-07	Eligible Project Cost:	$1,960,000
Rank:	441		
County:	Somerset	Total State Amount:	$1,960,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0623
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0623

Project Name, Number	Priority List Rank
Franklin Township Sewerage Authority S340839-07 Sanitary Sewer System Rehabilitation	441

County

Somerset

Existing Population

62,300

Service Area

A portion of the Franklin Township Sewerage Authority service area located in the vicinity of Foxwood Drive and Easton Avenue.

Need for Project

Reduction of extraneous flow (infiltration and inflow) to the collection system of the Franklin Township Sewerage Authority.

Project Description

Lining of approximately 8,000 linear feet of 8 and 10 inch gravity sewers and repair of laterals in the Foxwood Drive area within the Authority's South Crossing sewer shed.

Anticipated Recipient:	Old Bridge Municipal Utilities Authority		
Project No.:	S340945-05	Eligible Project Cost:	$2,183,362
Rank:	445		
County:	Middlesex	Total State Amount:	$2,183,362

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.060456
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.060456

Project Name, Number	Priority List Rank
Old Bridge Municipal Utilities Authority S340945-05 Sanitary Sewer System Rehabilitation	445

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 II 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 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:	Linden Roselle Sewer Authority		
Project No.:	S340299-05	Eligible Project Cost:	$389,787
Rank:	446		
County:	Union	Total State Amount:	$389,787

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.06
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.06

Project Name, Number	Priority List Rank
Linden Roselle Sewer Authority S340299-05 Sanitary Sewer System Rehabilitation	446

County

Union

Existing Population

60,000

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:	Jackson Township Municipal Utilities Authority		
Project No.:	S340953-02	Eligible Project Cost:	$2,049,114
Rank:	447		
County:	Ocean	Total State Amount:	$2,049,114

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.054856
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.054856

Project Name, Number	Priority List Rank
Jackson Township Municipal Utilities Authority S340953-02 Sanitary Sewer System Rehabilitation	447

County

Ocean

Existing Population

54,856

Service Area

Brookwood III Section of Jackson Township

Need for Project

This project is being undertaken to correct sewer system deficiencies that have led to sanitary sewer overflows.

Project Description

The proposed project includes replacing 988 lf of gravity sewer which is surcharging and periodically has backed up into homes in the Brookwood III Section of the Township. The project also involves extending a force main 1953 lf to correct capacity problems on County Line Road which has caused overflows into a tributary of the Metedeconk River.

Anticipated Recipient:	Jackson Township		
Project No.:	S340953-04	Eligible Project Cost:	$852,000
Rank:	447		
County:	Ocean	Total State Amount:	$852,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.054856
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.054856

Project Name, Number	Priority List Rank
Jackson Township S340953-04 Equipment Purchase (Clean Water)	447

County

Ocean

Existing Population

54,856

Service Area

Jackson Township

Need for Project

The purchase of a Jet-Vac and street sweeper will help reduce nonpoint source pollution.

Project Description

The project includes purchase of a Jet-Vac and street sweeper.

Anticipated Recipient:	Union Township		
Project No.:	S340293-04	Eligible Project Cost:	$999,117
Rank:	449		
County:	Union	Total State Amount:	$999,117

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.054405
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.054405

Project Name, Number	Priority List Rank
Union Township S340293-04 Sanitary Sewer System Rehabilitation	449

County

Union

Existing Population

54,405

Service Area

Township of Union

Need for Project

The West Branch Interceptor is a major source of SSO discharging into an environmentally sensitive area along Fairway Drive East. Overflows from manholes occur during moderate to heavy rainstorms and discharge sewage into freshwater wetlands and state open waters i.e. West Branch of the Elizabeth River. Sewer backups into residential basements occur along Fairway Drive South and Evergreen Parkway causing a serious public health risk.

Project Description

The project includes replacement of 2350 linear feet of 24-inch sanitary sewer along Fairway Drive East in the Township of Union Union County. The project also includes the elimination of a siphon beneath the West Branch of the Elizabeth River to be replaced with an armored ductile iron pipe installed at the invert of the channel.

Anticipated Recipient:	Passaic City		
Project No.:	S340845-01	Eligible Project Cost:	$3,997,392
Rank:	450		
County:	Passaic	Total State Amount:	$3,997,392

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.05396
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.05396

Project Name, Number

Passaic City
S340845-01
Sanitary Sewer System Rehabilitation

Priority List Rank

450

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 InfiltrationInflow (II) in this municipalitys sewer system. Raw sewage overflows were reported to have occurred on area streets.

Project Description

This project consists of the removal and replacement of numerous sections of sanitary sewer piping of varying diameters throughout the City Limits. The City maintains an inventory of deficient areas which note deficiencies relating to alignment extraneous inflow through joints and cracked pipe sections broken pipe sections and manholes which have out lived their service life. The City has identified these areas for point repairs in kind replacement and trenchless lining after conducting extensive televising and cleaning operations over the past five-year period as part of their Sewer O & M Contract. The City also desires to acquire a JetVacuum Truck.

Anticipated Recipient:	Parsippany Troy Hills Township		
Project No.:	S340886-05	Eligible Project Cost:	$11,733,500
Rank:	451		
County:	Morris	Total State Amount:	$11,733,500

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.053238
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.053238

Project Name, Number	Priority List Rank
Parsippany Troy Hills Township S340886-05 Sanitary Sewer System - New	451

County

Morris

Existing Population

53,238

Service Area

The Lake Hiawatha service area is served by three pumping stations: Lake Hiawatha Pumping station, Pump Station No.4 (PS4) and New Road Pumping Station. Tributary sub-basins in the service area have developed over the last 50 years, and this growth has created hydraulically sensitive areas.

Need for Project

Pump station and the force main is at the end of useful life. The 24 inch PCCP force main crosses under Rt 46 and routes through wetlands. Failure of this force main would have significant consequences.

Project Description

The Township of Parsippany-Troy Hills (Township) owns and operates a sanitary sewer collection, conveyance and treatment system. The Lake Hiawatha service area is served by Pump Station No. 4. PS4 is the largest wastewater pumping station in the Township's Sewer Service Area, and conveys wastewater to the Township's Wastewater Treatment Plant via 8,900 linear foot, 24-inch diameter, PCCP force main. PS4 and its force main, constructed around 1963, is at the end of its useful life. The force main requires frequent emergency repairs. The pumps station is approaching its flow capacity and needs rehabilitation. Redirecting the flow from this area via a gravity sewer to the existing 72-inch interceptor was identified as the preferred and most feasible alternative. Upon Completion of the proposed gravity sewer connection, PS4 will be taken out of service providing considerable energy savings.

Anticipated Recipient:	Franklin Township Sewerage Authority		
Project No.:	S340839-05	Eligible Project Cost:	$2,049,114
Rank:	452		
County:	Somerset	Total State Amount:	$2,049,114

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.050903
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.050903

Project Name, Number	Priority List Rank
Franklin Township Sewerage Authority S340839-05 Sanitary Sewer System Rehabilitation	452

County

Somerset

Existing Population

50,903

Service Area

Franklin Township

Need for Project

The proposed improvements will increase the useful life of the pumping system inside the stations.

Project Description

The proposed project will include Six Mile Run Pump Station VFD and controls upgrades and grinder installation. Upgrade to the Ford and Easton Avenue sewers and the Easton Avenue Pumping Station. Installation of new grinders at the Meadow Avenue Pump Station.

Anticipated Recipient:	Franklin Township Sewerage Authority		
Project No.:	S340839-04	Eligible Project Cost:	$985,189
Rank:	452		
County:	Somerset	Total State Amount:	$985,189

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.050903
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.050903

Project Name, Number	Priority List Rank
Franklin Township Sewerage Authority S340839-04 Equipment Purchase (Clean Water)	452

County

Somerset

Existing Population

50,903

Service Area

Franklin Township

Need for Project

The proposed improvements will provide a direct connection of Franklin Township sewage flows to the MCUA thereby providing additional capacity in the Mile Run Interceptor.

Project Description

The proposed project includes the purchase of a new Vactor Truck to replace the old one the purchase of a new TV truck and purchase of a new backhoe truck.

Anticipated Recipient:	Franklin Township Sewerage Authority		
Project No.:	S340839-06-1	Eligible Project Cost:	$0
Rank:	452		
County:	Somerset	Total State Amount:	$0

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.050903
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.050903

Project Name, Number	Priority List Rank
Franklin Township Sewerage Authority S340839-06-1 Sanitary Sewer System - New	452

County

Somerset

Existing Population

50,903

Service Area

Previously described in NJEIFF Project # S340839-6

Need for Project

Previously described in NJEIFF Project # S340839-6

Project Description

Supplemental Loan for the Rodney Avenue Project S340839-06 for additional costs incurred during the Construction Phase of the Project. Construction of the Project is complete.

Anticipated Recipient:	Wayne Township		
Project No.:	S340393-07	Eligible Project Cost:	$2,049,114
Rank:	455		
County:	Passaic	Total State Amount:	$2,049,114

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.04955
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.04955

Project Name, Number	Priority List Rank
Wayne Township S340393-07 Sanitary Sewer System Rehabilitation	455

County

Passaic

Existing Population

49,550

Service Area

Township of Wayne

Need for Project

This project is for the minor rehabilitation of the Townships existing sewer system. A sewer system evaluation survey concluded that approximately 1.5 million gallons per day (MGD) of excessive InfiltrationInflow 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 3160 linear feet (LF) of sewer pipe replacement of approximately 5130 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 infiltrationinflow for other portions of the existing sewer system.

Anticipated Recipient:	South Monmouth Regional Sewer Authority		
Project No.:	S340377-05	Eligible Project Cost:	$2,718,518
Rank:	456		
County:	Monmouth	Total State Amount:	$2,718,518

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.049
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.049

Project Name, Number	Priority List Rank
South Monmouth Regional Sewer Authority S340377-05 Sanitary Sewer System Rehabilitation	456

County

Monmouth

Existing Population

49,000

Service Area

The service area for the Authority includes the municipalities of Belmar, Brielle, Lake Como, Manasquan, Sea Girt, Spring Lake, Spring Lake Heights and approximately 70% of the Township of Wall.

Need for Project

During Superstorm Sandy, the existing Belmar Pump Station was damaged structurally, mechanically and electrically and rendered inoperable. Due to its proximity to the Atlantic Ocean and climate change challenges predicted for the Borough of Belmar, the Authority proposes various storm proofing improvements to ensure continued operation of the existing pump station during weather related emergencies.

Project Description

The Authority proposes various mechanical structural and electrical improvements to its existing Belmar Pump Station. Improvements include replacement of the existing pumping equipment with new dry pit submersibles construction of a new below ground grinder chamber and demolition of the existing pump station building as well as installation of internal bracing of the below ground walls. Additionally the Authority proposes to install a mobile enclosure that would house the critical electrical and control equipment required to operate the pump station.

Anticipated Recipient:	South Monmouth Regional Sewer Authority		
Project No.:	S340377-04A	Eligible Project Cost:	$6,981,600
Rank:	456		
County:	Monmouth	Total State Amount:	$6,981,600

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.049
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.049

Project Name, Number	Priority List Rank
South Monmouth Regional Sewer Authority S340377-04A Sanitary Sewer System Rehabilitation	456

County

Monmouth

Existing Population

49,000

Service Area

n/a

Need for Project

n/a

Project Description

The Authority proposes various mechanical structural and electrical improvements to its existing Pitney Pump Station.

Anticipated Recipient:	South Monmouth Regional Sewer Authority		
Project No.:	S340377-03	Eligible Project Cost:	$9,137,611
Rank:	456		
County:	Monmouth	Total State Amount:	$9,137,611

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.049
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.049

Project Name, Number	Priority List Rank
South Monmouth Regional Sewer Authority S340377-03 Sanitary Sewer System Rehabilitation	456

County

Monmouth

Existing Population

49,000

Service Area

The service area for the Authority includes the municipalities of Belmar, Brielle, Lake Como, Manasquan, Sea Girt, Spring Lake, Spring Lake Heights and approximately 70 of the Township of Wall.

Need for Project

During Superstorm Sandy, three (3) existing sanitary sewage pump stations were damaged. Improvements are needed to put the pump stations back online and providing sanitary sewer service. The existing stations are running on bypass which increases the potential for sewage backups and or spillage into adjacent water bodies.

Project Description

The Authority proposes various mechanical structural and electrical improvements to its existing Lake Como Station.

Anticipated Recipient:	East Brunswick Sewerage Authority		
Project No.:	S340168-01	Eligible Project Cost:	$1,847,907
Rank:	459		
County:	Middlesex	Total State Amount:	$1,847,907

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.046756
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.046756

Project Name, Number

East Brunswick Sewerage Authority
S340168-01
Sanitary Sewer System Rehabilitation

Priority List Rank

459

County

Middlesex

Existing Population

46,756

Service Area

East Brunswick Township

Need for Project

As a result of the systems age and deteriorated conditions of the ACP lining the pipes will reduce I&I into the collection sewer system and decrease operations and maintenance costs. Reconstruction of an existing pump station facility will help comply with NJDEPOSHA requirements and facilitate maintenance and increase systems reliability.

Project Description

The proposed project includes rehabilitation of approximately 2900 LF of existing ACP collections sewer by way of lining to provide improved sanitary sewer reliability reduce I&I into the collection sewer system and decrease operations and maintenance costs as a result of the systems age. The project also includes reconstruction of an existing pump station and removal of the existing Welsh Pump Station to convey sewage by way of gravity.

Anticipated Recipient:	Evesham Municipal Utilities Authority		
Project No.:	S340838-07	Eligible Project Cost:	$1,216,398
Rank:	460		
County:	Burlington	Total State Amount:	$1,216,398

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.045538
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.045538

Project Name, Number	Priority List Rank
Evesham Municipal Utilities Authority S340838-07 Sanitary Sewer System Rehabilitation	460

County

Burlington

Existing Population

45,538

Service Area

Evesham Township, Burlington County, New Jersey

Need for Project

The Locust Avenue Pumping Station is nearly 50 years old and has reached the end of its useful life. Replacement of the facility will prevent possible overflows due to aged equipment.

Project Description

Rehabilitation of the Locust Avenue pumping station. Improvements include a new wetwell, pumps, electrical systems, a Dri-Prime diesel backup pump, site improvements, landscaping and fencing.

Anticipated Recipient:	Evesham Municipal Utilities Authority		
Project No.:	S340838-08	Eligible Project Cost:	$642,000
Rank:	461		
County:	Burlington	Total State Amount:	$642,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.04538
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.04538

Project Name, Number	Priority List Rank
Evesham Municipal Utilities Authority S340838-08 Sanitary Sewer System Rehabilitation	461

County

Burlington

Existing Population

45,380

Service Area

The portion of NJ Route 70 between Conestoga Dr. and NJ Route 73.

Need for Project

Restore the structural integrity of ACP that is already beyond the expected useful life and shows significant internal deterioration.

Project Description

Install a Cured in Place Pipe (CIPP) liner in approximately 4,600 of 8" diameter Asbestos Cement sanitary sewer pipe. The pipe is approximately 50 years old and video inspection has revealed significant deterioration of the internal pipe material.

Anticipated Recipient:	Egg Harbor Township Municipal Utilities Authority		
Project No.:	S340753-06	Eligible Project Cost:	$620,184
Rank:	462		
County:	Atlantic	Total State Amount:	$620,184

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.043323
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.043323

Project Name, Number	Priority List Rank
Egg Harbor Township Municipal Utilities Authority S340753-06 Sanitary Sewer System Rehabilitation	462

County

Atlantic

Existing Population

43,323

Service Area

The project is located adjacent to existing Building 68 at the William J. Hughes Technical Center in Egg Harbor Township, Atlantic County, NJ.

Need for Project

n/a

Project Description

(Carryover SFY2015) - The Egg Harbor Township Municipal Utilities Authority (EHTMUA) proposes the construction of a new wet well structure and control building for the FAA Pump Station Reconstruction Project. A new duplex pumping system with control system and motor starters shall be provided. The improvements include approximately 140 linear feet of new eight-inch force main that will connect into the existing force main. The upgrades will also involve the provision of a cellular base remote telemetry system a diesel powered backup pumping unit and redundant control system.

Anticipated Recipient:	Egg Harbor Township Municipal Utilities Authority		
Project No.:	S340753-03	Eligible Project Cost:	$916,350
Rank:	462		
County:	Atlantic	Total State Amount:	$916,350

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.043323
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.043323

Project Name, Number | **Priority List Rank**

Egg Harbor Township Municipal Utilities Authority
S340753-03 | 462
Sanitary Sewer System Rehabilitation

County

Atlantic

Existing Population

43,323

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:	Mount Laurel Township Municipal Utilities Authority		
Project No.:	S340943-07	Eligible Project Cost:	$3,135,300
Rank:	464		
County:	Burlington	Total State Amount:	$3,135,300

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.041864
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.041864

Project Name, Number	Priority List Rank
Mount Laurel Township Municipal Utilities Authority S340943-07 Sanitary Sewer System Rehabilitation	464

County

Burlington

Existing Population

41,864

Service Area

The service area of the project includes all of Mount Laurel Township

Need for Project

The various improvements will have the beneficial impacts of greatly reducing the risk of overall system failure and provide modern safer operating conditions for the Mount Laurel Township MUA personnel.

Project Description

Replacement of Briggs Rd and Library Pump Station Force Main Connections, Replacement of Library Pump Station Force Main and Millstream Force Main Connection and Union Mill Farms Pump Station Force Main Replacement including 20" isolation valve replacement

Anticipated Recipient:	Berkeley Township		
Project No.:	S340969-01	Eligible Project Cost:	$2,718,518
Rank:	465		
County:	Ocean	Total State Amount:	$2,718,518

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.039991
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.039991

Project Name, Number	Priority List Rank
Berkeley Township S340969-01 Sanitary Sewer System Rehabilitation	465

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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Winslow Township		
Project No.:	S340895-07	Eligible Project Cost:	$653,528
Rank:	466		
County:	Camden	Total State Amount:	$653,528

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.039499
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.039499

Project Name, Number	Priority List Rank
Winslow Township S340895-07 Sanitary Sewer System Rehabilitation	466

County

Camden

Existing Population

39,499

Service Area

Winslow Township

Need for Project

The project is necessary to correct inflow and infiltration problems within the 27 interceptor and associated manholes.

Project Description

The project includes the correction of inflow and infiltration of the 27 interceptor sewer main the raising and waterproofing of several manholes and the in-situ lining of the 27 main.

Anticipated Recipient:	Winslow Township		
Project No.:	S340895-10	Eligible Project Cost:	$1,517,473
Rank:	466		
County:	Camden	Total State Amount:	$1,517,473

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.039499
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.039499

Project Name, Number	Priority List Rank
Winslow Township S340895-10 Sanitary Sewer System Rehabilitation	466

County

Camden

Existing Population

39,499

Service Area

Winslow Township is a relatively large municipality (58.19 square miles) which is part of the Camden County Wastewater Management Plan (CCWMP) Area and the proposed rehabilitation projects are all within the boundary limits of the CCWMP existing Sewer Service Area (SSA).

Need for Project

Winslow Township Department of Municipal Utilities has a contractual obligation to provide sanitary sewer service and conveyance services to its service area, and to make capital improvements as necessary to fulfill that obligation. In order to continue to provide sanitary sewer service, the proposed rehabilitation projects (CIPP lining, spot repairs, and manhole replacements) are necessary to keep the system functioning properly and in good working order.

Project Description

This project involves various improvements to the Township's sanitary sewer infrastructure. Improvements include the lining of approximately 2,500 LF of existing sanitary sewer pipe (Asbury Place - 375 LF; Lehigh Manor Drive - 450 LF; Primrose Gate - 1,675 LF), the replacement of approximately 105 LF of existing sanitary sewer pipe (Eastmont Lane - 25 LF; Evergreen Avenue - 80 LF), and the replacement of approximately 2 existing sanitary sewer manholes (South Cedarbrook Road - 1 unit; Thousand Oaks - 1 unit).

Anticipated Recipient:	Montclair Township		
Project No.:	S340837-03	Eligible Project Cost:	$1,395,161
Rank:	468		
County:	Essex	Total State Amount:	$1,395,161

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.037669
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.037669

Project Name, Number

Montclair Township
S340837-03
Sanitary Sewer System Rehabilitation

Priority List Rank

468

County

Essex

Existing Population

37,669

Service Area

The MSA service area (a.k.a. the "planning area") includes all of Montclair Township, Essex County, New Jersey. The Township of Montclair covers a geographic area of 6.16 square miles. The Township is situated on the east-facing slope of the first Watchung Mountain and is bounded to the north by Clifton and Little Falls in Passaic County, to the south by the Township of Orange (Essex County), to the east and northeast by Bloomfield, Glen Ridge and East Orange (all Essex County), and to the south and west-northwest by Verona (Essex County), Cedar Grove (Passaic County), West Orange and Orange (both Essex County).

Need for Project

Portions of the existing collection system are deteriorated and subject to inflow and infiltration resulting in loss of sewage to the environment and admission of groundwater to the system. The sewer mains in the system are largely constructed of vitrified clay pipe and most are over one hundred years old. Specific areas have been identified as the target area for the collection system rehabilitation program. These areas have been selected due to the high frequency of repairs, high maintenance requirements and observed infiltration and inflow in the system. The VCP sewer piping can further deteriorate and collapse, with near complete occlusion and associated sewage backups disrupting normal flow. These conditions would hazard public and environmental health, and would require greater disruption for emergency excavation and repairs than would a planned approach using CIPP technology.

Project Description

The Township of Montclair Sewer Authority will rehabilitate approximately 16000 linear feet of sanitary sewer collection mains. Portions of the existing collection system are deteriorated and subject to inflow and infiltration (I&I) resulting in loss of sewage to the environment and admission of groundwater and stormwater to the system. The MSA has planned for the repair of the affected sewers to assure that wastewater is safely conveyed through the sewers to the regional wastewater treatment facility.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Monroe Municipal Utilities Authority		
Project No.:	S340423-05	Eligible Project Cost:	$300,000
Rank:	469		
County:	Gloucester	Total State Amount:	$300,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.036129
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.036129

Project Name, Number	Priority List Rank
Monroe Municipal Utilities Authority S340423-05 Equipment Purchase (Clean Water)	469

County

Gloucester

Existing Population

36,129

Service Area

Used within entire Township

Need for Project

Needed to Resolve Infiltration Issues and Maintain Infrastructure

Project Description

Purchase of Truck Mounted Remote Controlled Video Pipe Inspection Equipment. At Least 300 Meter Cable Reel Camera, Capable of Front and Rear Directional Video.

Anticipated Recipient:	Winslow Township		
Project No.:	S340895-01	Eligible Project Cost:	$2,013,118
Rank:	470		
County:	Camden	Total State Amount:	$2,013,118

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.034611
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.034611

Project Name, Number	Priority List Rank
Winslow Township S340895-01 Sanitary Sewer System Rehabilitation	470

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 InfiltrationInflow (II).

Project Description

The project consists of the rehabilitation of the sewer system.

Anticipated Recipient:	Fort Lee Borough		
Project No.:	S340853-01	Eligible Project Cost:	$682,636
Rank:	471		
County:	Bergen	Total State Amount:	$682,636

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.03262
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.03262

Project Name, Number

Fort Lee Borough
S340853-01
Sanitary Sewer System Rehabilitation

Priority List Rank

471

County

Bergen

Existing Population

32,620

Service Area

Borough of Fort Lee

Need for Project

The Bergen County Utilities Authority InfiltrationInflow (II) Analysis and Sewer System Evaluation survey identified excessive II in this municipalitys sewer system.

Project Description

The excessive II will be removed by grouting slip lining and other minor rehabilitation methods.

Anticipated Recipient:	Garfield City		
Project No.:	S340172-01	Eligible Project Cost:	$3,997,392
Rank:	472		
County:	Bergen	Total State Amount:	$3,997,392

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.029786
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.029786

Project Name, Number	Priority List Rank
Garfield City S340172-01 Sanitary Sewer System Rehabilitation	472

County

Bergen

Existing Population

29,786

Service Area

City of Garfield

Need for Project

The sanitary sewer replacement and rehabilitation is necessary to reduce infiltration and inflow and to minimize the chance of failure in the system.

Project Description

The proposed project includes replacement of approximately 2000 L.F. of sanitary sewer sewer lining of approximately 3000 L.F. of sanitary sewer mains and rehabilitation of manholes.

Anticipated Recipient:	Ocean Township Sewer Authority		
Project No.:	S340750-14	Eligible Project Cost:	$2,374,000
Rank:	473		
County:	Monmouth	Total State Amount:	$2,374,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.029551
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.029551

Project Name, Number	Priority List Rank
Ocean Township Sewer Authority S340750-14 Sanitary Sewer System Rehabilitation	473

County

Monmouth

Existing Population

29,551

Service Area

The Township of Ocean Sewerage Authority provides sanitary sewage service to the Township of Ocean, the Boroughs of Allenhurst, Deal and Interlaken and the Village of Loch Arbour.

Need for Project

Proposed improvements are necessary at both pump stations (Asbury Avenue and Longview) to maintain the existing facilities in operating condition and resilient against severe storm events that may potentially impact their operation in the future. Both sites are also adjacent to wetland and/or streams and failure would impact these environmentally sensitive areas.

Project Description

The Authority proposes various mechanical, electrical, structural and site improvements to two (2) existing sanitary sewage pumping stations, Asbury Avenue Pump Station and the Longview Pump Station. Improvements include conversion of both of the existing dry well/wet well units to submersible pumping facilities with a new valve chamber and installation of new 10'x12' prefabricated enclosures to house the electrical and control equipment. At the Asbury Avenue Pump Station other improvements include access ladder and hatch replacement, repair to the existing perimeter fencing and upgrade to the existing bypass connection. At the Longview Pump Station other improvements include installation of a bypass connection, replacement of the check valves, and installation of site lighting.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Ocean Township Sewer Authority		
Project No.:	S340750-13	Eligible Project Cost:	$507,500
Rank:	473		
County:	Monmouth	Total State Amount:	$507,500

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.029551
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.029551

Project Name, Number

Ocean Township Sewer Authority
S340750-13
Sanitary Sewer System Rehabilitation

Priority List Rank

473

County

Monmouth

Existing Population

29,551

Service Area

The Township of Ocean Sewerage Authority provides sanitary sewage service to the Township of Ocean, the Boroughs of Allenhurst, Deal and Interlaken and the Village of Loch Arbour.

Need for Project

The existing sanitary sewer collection system along Berkeley Avenue, Lincoln Drive and Lakeview Avenue is corroding/deteriorating and in need of rehabilitation and/or replacement where needed. Due to its close proximity to Deal Lake, the potential for failure would be catastrophic to the adjacent water body.

Project Description

The Authority proposes to repair and rehabilitate the existing 8" sanitary sewer collection system along Berkeley Avenue, Lakeview Avenue and Lincoln Drive from Berkeley Avenue to Park Place. Improvements include lining of approximately 3,000 lineal feet (LF) of 8" pipe, lining of 15 manholes, 5 trenchless spot repairs and approximately 50 LF of 8" pipe replacement.

Anticipated Recipient:	Monroe Municipal Utilities Authority		
Project No.:	S340423-03	Eligible Project Cost:	$2,249,480
Rank:	475		
County:	Gloucester	Total State Amount:	$2,249,480

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.028967
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.028967

Project Name, Number	Priority List Rank
Monroe Municipal Utilities Authority S340423-03 Sanitary Sewer System Rehabilitation	475

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:	Ocean Township Sewer Authority		
Project No.:	S340750-10	Eligible Project Cost:	$1,396,910
Rank:	476		
County:	Monmouth	Total State Amount:	$1,396,910

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.027291
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.027291

Project Name, Number	Priority List Rank
Ocean Township Sewer Authority S340750-10 Sanitary Sewer System Rehabilitation	476

County

Monmouth

Existing Population

27,291

Service Area

Township of Ocean

Need for Project

The Township of Ocean Sewerage Authority owns and maintains a siphon that crosses Deal Lake. The Authoritys system maps indicate the 6 and 8 pipes are cast iron and are from a manhole on Hetrick Point Road in the Wanamassa section of Ocean Township to a manhole located in the backyard of a residence located along Windermere Avenue in the Borough of Interlaken. As a minimum the Authority checks the flow in the manhole downstream of the siphon weekly to confirm flow across Deal Lake. On Monday morning March 28 the flow through the downstream manhole was greatly reduced. The Authority placed dye in both the 6 and 8 pipes and determined flow was entering the lake. The Authority installed a bypass pump system that is pumping flow to a manhole located on Wickapecko Drive. The bypass system includes three pumps and over 3500 ft of temporary piping installed along narrow streets with houses located close to the road.

Project Description

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

Anticipated Recipient:	Ocean Township Sewer Authority		
Project No.:	S340750-12	Eligible Project Cost:	$3,340,073
Rank:	476		
County:	Monmouth	Total State Amount:	$3,340,073

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.027291
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.027291

Project Name, Number	Priority List Rank
Ocean Township Sewer Authority S340750-12 Decentralized Wastewater (or Septic) System Repair/Replacement	476

County

Monmouth

Existing Population

27,291

Service Area

The Authority serves the Township of Ocean, the Boroughs of Allenhurst, Deal and Interlaken and the Village of Loch Arbour.

Need for Project

The Authority proposes the improvements to upgrade the existing pump station to handle actual flows coming into the pump station particularly during storm events. Surcharging of the station could potentially result in sewage backup onto the adjacent Deal Lake. Additionally, improvements are being proposed to improve the resiliency of the pump station, which was impacted by Sandy, against future storm events.

Project Description

(Carryover SFY2015) - The proposed project includes reconstruction of the Interlaken Pump Station to raise the building to prevent future flooding.

Anticipated Recipient:	Ocean Township Sewer Authority		
Project No.:	S340750-11	Eligible Project Cost:	$4,522,375
Rank:	476		
County:	Monmouth	Total State Amount:	$4,522,375

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.027291
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.027291

Project Name, Number | **Priority List Rank**

Ocean Township Sewer Authority
S340750-11 | 476
Decentralized Wastewater (or Septic) System Repair/Replacement

County

Monmouth

Existing Population

27,291

Service Area

The Service Area of the Township of Ocean Sewerage Authority is comprised of the Township of Ocean, and the customer communities of the Borough of Allenhurst, the Borough of Deal, the Borough of Interlaken and the Village of Loch Arbour.

Need for Project

For Project No. 1, the configuration of the existing Logan Road and Rt 35 sanitary sewer causes frequent blockages and the manhole is not accessible because of the Rt 35 travel lane. In the Roseld Avenue area, the Wickapecko pump station force main discharges into shallow manholes along Roseld Avenue that surcharge during high flows. Lastly, in the Wanamassa, West Allenhurst and Deal Park area, existing manholes are extremely old and during heavy rain events result in increased flows to the plant. For Project No. 2, the Township still contains a considerable amount of orangeburg pipe laterals from the property line to the main in the Wanamassa area which is brittle and deteriorating causing sewage backups and spills.

Project Description

(Carryover SFY2015) - The proposed improvement is to install a new sanitary sewer pipe across Route 35. The proposed configuration would remove the sharp bend from the manhole and have manholes moved from the travel lane of Route 35. Roseld Avenue Sanitary Sewer - The proposed improvement is to extend the existing Wickapecko pump station force main so it discharges to the gravity sewer system along Roseld Avenue downstream of the shallow manholes. Interlaken Pump Station - The proposed improvement will include replacing the three existing pumps building upgrades pump control upgrades and replacing 400 lf of the existing force main.

Anticipated Recipient:	Bergenfield Borough		
Project No.:	S340378-02	Eligible Project Cost:	$2,618,381
Rank:	479		
County:	Bergen	Total State Amount:	$2,618,381

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.026247
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.026247

Project Name, Number	Priority List Rank
Bergenfield Borough S340378-02 Sanitary Sewer System Rehabilitation	479

County

Bergen

Existing Population

26,247

Service Area

Borough of Bergenfield

Need for Project

The project is needed to help reduce the Boroughs current II issues. Inflow and Infiltration contribute to sanitary sewer overflow conditions as well as surcharge of the system. Due to the influx of additional unanticipated flow the sanitary sewer system becomes overloaded and fails due to capacity constraints. By repairing the worst section of the system as noted from Borough inspections and maintenance programs this will be a significant first step in reducing II in the Borough of Bergenfield.

Project Description

The Borough in an effort to combat an ever-growing Inflow and Infiltration (II) problem with its sanitary sewer system intends to rehabilitate approximately 10000 to 12000 linear feet of existing vitrified clay sanitary sewer main which is approximately 80 years old. The Borough plans to use trenchless technology specifically Cast-In-Place-Pipe (CIPP) slip-lining to reestablish the integrity of the sanitary sewer main specified. The Borough is comprised of approximately 300000 linear feet of piping and this represents approximately 5 of the total piping deemed most urgent through the Boroughs preventative maintenance and inspection program. In addition to the piping rehabilitation the Borough plans to rehabilitate approximately 30 manhole structures by means of repairing larger cracks with cementitious repair mortars followed by epoxy coating of the interior of the structures. It is assumed that II in the sanitary manholes contribute up to approximately 30 of the II problems faced by the Borough. The final facet of the project includes the furnishing and installing of approximately 30 area velocity flow meters throughout the Borough to implement a flow monitoring program in an effort to continually pinpoint areas throughout the Borough which require addition rehabilitation work.

Anticipated Recipient:	Bridgeton City		
Project No.:	S340829-02	Eligible Project Cost:	$1,387,415
Rank:	480		
County:	Cumberland	Total State Amount:	$1,387,415

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.025349
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.025349

Project Name, Number	Priority List Rank
Bridgeton City S340829-02 Sanitary Sewer System Rehabilitation	480

County

Cumberland

Existing Population

25,349

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 removal and replacement of deteriorating gravity sanitary sewer main manholes laterals and replacement of existing concrete sidewalk curbing and roadway. The gravity sanitary sewer line will be eight-inch diameter PVC pipe and the sanitary sewer manholes will be precast concrete.

Anticipated Recipient:	Bridgeton City		
Project No.:	S340829-01	Eligible Project Cost:	$1,387,415
Rank:	480		
County:	Cumberland	Total State Amount:	$1,387,415

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.025349
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.025349

Project Name, Number	Priority List Rank
Bridgeton City S340829-01 Sanitary Sewer System Rehabilitation	480

County

Cumberland

Existing Population

25,349

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:	Bridgeton City		
Project No.:	S340829-03	Eligible Project Cost:	$456,326
Rank:	480		
County:	Cumberland	Total State Amount:	$456,326

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.025349
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.025349

Project Name, Number	Priority List Rank
Bridgeton City S340829-03 Emergency Generator	480

County

Cumberland

Existing Population

25,349

Service Area

City of Bridgeton

Need for Project

New emergency power generator set will provide uninterrupted power supply to Pump Station No. 3 to avoid the pump station from overflowing into nearby Rocaps Run a tributary of the Cohansey River when there is a power outage durinhg major storm events or other circumstances. Preventing sewer overflow of the pump station into the nearby streams tributaries and rivers is in the best interest to the health and safety of the residents of the City of Bridgeton and neighboring communities.

Project Description

The proposed project includes installation of new emergency power generator set.

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340769-02	Eligible Project Cost:	$1,584,586
Rank:	483		
County:	Bergen	Total State Amount:	$1,584,586

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.02509
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.02509

Project Name, Number

Bergen County Utilities Authority
S340769-02
Sanitary Sewer System Rehabilitation

Priority List Rank

483

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 InfiltrationInflow (II) analysis and sewer system evaluation survey which concluded that excessive II existed in the sewer system. The correction of this II 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 II. The rehabilitation project may include repair andor grouting of sewers and joints sealing manholes repairreplacement of defective manhole covers and other standard rehabilitation measures. This project will also eliminate sewerage system overflows.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Ridgewood Village		
Project No.:	S340639-07	Eligible Project Cost:	$6,046,088
Rank:	484		
County:	Bergen	Total State Amount:	$6,046,088

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.02486
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.02486

Project Name, Number	Priority List Rank
Ridgewood Village S340639-07 Sanitary Sewer System Rehabilitation	484

County

Bergen

Existing Population

24,860

Service Area

Village of Ridgewood

Need for Project

An InfiltrationInflow (II) analysis has concluded that excessive II exists within the villages sewer system. Additional studies are underway to further define the quantity of excessive II and to propose an II correction program to eliminate a portion of the excessive II.

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:	Ocean County Utilities Authority		
Project No.:	S340372-58	Eligible Project Cost:	$3,997,392
Rank:	485		
County:	Ocean	Total State Amount:	$3,997,392

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.024631
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.024631

Project Name, Number	Priority List Rank
Ocean County Utilities Authority S340372-58 Sanitary Sewer System Rehabilitation	485

County

Ocean

Existing Population

24,631

Service Area

CI-1A is located in the South Seaside Park portion of Berkeley Township, Ocean County. SI-11 is located in the Holgate Section of Long Beach Township, Ocean County. Use of cured-in-place technology will be used to rehabilitate: for CI-1A, approximately 3,630 linear feet of 18-inch diameter PCCP pipe from MH 19-5 to CPS-3; approximately 4,880 linear feet of 24-inch diameter PCCP pipe from MH 15-5 to MH 12-2; approximately 3,370 linear feet of 30-inch diameter PCCP from MH 12-2 to MH 12-1, MH 10-5 to MH 9-1D, MH I-2 to CPS-2 and CPS-2 to MH 8-3; and for SI-11 approximately 315 linear feet of 16-inch diameter PCCP pipe from MH 25-6 to 25-1; and approximately 465 linear feet of 20-inch diameter PCCP pipe from MH 25-1 to SPS-10. This work will also include the rehabilitation of manholes, as required. The Authority does not anticipate that any excavation work will be required for this project.

Need for Project

The inspections of the CI-1A interceptor were completed in 2000 and 2010 and portions were found to be in poor condition. This project presents the most cost effective alternative and is designed to protect the integrity of the existing collection system for wastewater conveyance. The Authoritys intent is to improve the conveyance system reliability and thus improve the operation of collection facilities to continue to meet the discharge limits and prevent system failures that could result in spills. The construction of the interceptor improvements should provide a higher degree of reliability in the Authority's capability collecting and conveying wastewater.

Project Description

The use of Cured-In-Place-Pipe technology to rehabilitate the South Island Beach Interceptor (CI-1A) in the Central Service Area and South Island Interceptor (SI-11) in the Southern Service Area Included in the project for CI-1A is approximately 3,630 linear feet of 18-inch diameter pipe; 4,880 linear feet of 24-inch diameter pipe; and 3,370 linear feet of 30-inch diameter pipe; and for SI-11 is approximately 315 linear feet of 16-inch diameter pipe and 465 linear feet of 20-inch diameter pipe. Total length is of this project is approximately 12,660 linear feet. Rehabilitation of interior surfaces of all manholes within the limit of the project is included.

Anticipated Recipient:	Lodi Borough		
Project No.:	S340317-02	Eligible Project Cost:	$1,780,655
Rank:	486		
County:	Bergen	Total State Amount:	$1,780,655

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.023971
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.023971

Project Name, Number	Priority List Rank
Lodi Borough S340317-02 Sanitary Sewer System Rehabilitation	486

County

Bergen

Existing Population

23,971

Service Area

Borough of Lodi

Need for Project

The proposed project will remove an existing inverted siphon which clogs regularly causing significant sewage backups. The sanitary relining will eliminate inflow and infiltration of groundwater into the system and leakage of sewage out of the system. The project also proposes locking watertight frames and covers to protect the system which is located in the floodplain.

Project Description

The proposed project includes lining of antiquated lines. All sewer manholes inlets services piping and other appurtenances will be replaced to promote full functioning sewer systems. Locking watertight frames and covers will be installed.

Anticipated Recipient:	Vernon Township		
Project No.:	S340745-03	Eligible Project Cost:	$100,000
Rank:	487		
County:	Sussex	Total State Amount:	$100,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.023943
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.023943

Project Name, Number

Vernon Township
S340745-03
Sanitary Sewer System Rehabilitation

Priority List Rank

487

County

Sussex

Existing Population

23,943

Service Area

Sewer service area of Vernon Township MUA.

Need for Project

A good asset management plant for the sewer system in this are is crucial to the health and safety of the population.

Project Description

The proposed project is to develop an Asset management Plan for the Stone Hill Pump Station (PS) and the Stone Hill PS and Sand Hill PS Force Mains owned by the Vernon Twp. and operated by Vernon Township Municipal Utility Authority(VTMUA). Project will apply for the loan forgiveness program available for $100,000 with this loan. Please note that as directed; given the VTMUA does not have ownership of the Sewer assets(that belongs to the Township of Vernon), the VTMUA is applying for the Loan under its own and the Township of Vernon is listed as a Collaborator. When the application for the execution of the project is made the Township of Vernon will make the application and the VTMUA will be listed as a Collaborator on their application. Furthermore uploaded with this application as instructed will be a letter from the Township stating their support for the Loan Application and their intention of filing the application for the execution of the project.

Anticipated Recipient:	Madison (MCJM) Borough		
Project No.:	S340715-03	Eligible Project Cost:	$782,388
Rank:	488		
County:	Morris	Total State Amount:	$782,388

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.02377
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.02377

Project Name, Number

Madison (MCJM) Borough
S340715-03
Sanitary Sewer System Rehabilitation

Priority List Rank

488

County

Morris

Existing Population

23,770

Service Area

Borough of Chatham Borough of Madison

Need for Project

An InfiltrationInflow (II) analysis has been completed which documents the existence of excessive II within the service area. Additional studies are under way to further define the quantity of excessive II and to propose an II correction program to mitigate hydraulic overloading of the plant during severe storms.

Project Description

This proposed project will consist of an II correction program to remove a portion of the excessive II. 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:	Scotch Plains Township		
Project No.:	S340512-01	Eligible Project Cost:	$2,576,000
Rank:	489		
County:	Union	Total State Amount:	$2,576,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.02351
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.02351

Project Name, Number	Priority List Rank
Scotch Plains Township S340512-01 Sanitary Sewer System Rehabilitation	489

County

Union

Existing Population

23,510

Service Area

The tributary area of Raritan Road Pump Station is located in the southwestern portion of Scotch Plains. The drainage area covers approximately 2,160 acres which drains to the Raritan Road Pump Station. The area tributary to Lamberts Mill Road Pump Station is located in the southeastern portion of the Township of Scotch Plains. The drainage area that is tributary to the station within the Township of Scotch Plains is approximately 530 acres. In addition, there are approximately 60 acres within the Town of Westfield that are tributary to this facility.

Need for Project

Existing equipment is at the end of its useful life. Renewal of this pumping asset is critical to maintain sewer service to the municipality to avoid station failure and mitigate the potential for a sewage spill. The need is the same for the electrical, mechanical and piping systems.

Project Description

Rehabilitation of 2 existing raw sewage pump stations to replace pumping equipment, piping, electrical panels, instrumentation and HVAC components that are at the end of their useful life.

Anticipated Recipient:	Carteret Borough		
Project No.:	S340939-06	Eligible Project Cost:	$6,093,106
Rank:	490		
County:	Middlesex	Total State Amount:	$6,093,106

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022844
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.022844

Project Name, Number	Priority List Rank
Carteret Borough S340939-06 Pump Stations	490

County

Middlesex

Existing Population

22,844

Service Area

Borough of Carteret

Need for Project

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

Project Description

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

Anticipated Recipient:	Carteret Borough		
Project No.:	S340939-10	Eligible Project Cost:	$4,800,000
Rank:	490		
County:	Middlesex	Total State Amount:	$4,800,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022844
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.022844

Project Name, Number	Priority List Rank
Carteret Borough S340939-10 Sanitary Sewer System Rehabilitation	490

County

Middlesex

Existing Population

22,844

Service Area

The Roosevelt Avenue Pump Station service area is the entire Borough of Carteret, The entire Borough's sewer flow is conveyed through this pump station.

Need for Project

The Roosevelt Avenue Pump Station is vital to maintaining health, safety, and welfare of the community. The RAPS, which was constructed in the early 1990s, is in need of improvements to replace equipment that has either failed and/or has surpassed its useful life expectancy and to upgrade other systems which are antiquated. The Borough currently averages around 3.0 Million gallons per day (MGD) and that the RAPS peak pumping capacity is limited to 13.30 MGD by virtue of Sewer User Agreement with Woodbridge Township. Bergen Street Pump Station is upstream of Roosevelt Avenue Pump Station and conveys sewer flow from a specific area of the borough. Construction improvements are based on the results of failing mechanical equipment and corroded piping at the pump station.

Project Description

The Borough of Carteret depends upon the Roosevelt Avenue Pump Station to receive and convey all wastewater generated within the Borough to downstream conveyance facilities in Woodbridge Township and ultimately to the Middlesex County Utilities Authority for treatment. Roosevelt Avenue Pump Station improvements include the replacement of dry-pit submersible pumps, pump VFDs, pump controls, piping, gate valves, surge valves, building roofing, electrical motor starters, lighting, heating and ventilation, flow meter, and a new station bypass chamber. Bergen Street Pump Station consists of the replacement of pumps, discharge piping and valves within the wet well, flow meter and chart recorder, and the replacement of pump controls and VFDs.

Anticipated Recipient:	Burlington Township		
Project No.:	S340712-15	Eligible Project Cost:	$1,080,000
Rank:	492		
County:	Burlington	Total State Amount:	$1,080,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022594
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.022594

Project Name, Number	Priority List Rank
Burlington Township S340712-15 Sanitary Sewer System Rehabilitation	492

County

Burlington

Existing Population

22,594

Service Area

The service area affected by this project includes several apartment and condominium complexes, single family residential neighborhoods and numerous commercial businesses, restaurants and a medical facility. The population service by the portion of the system to be rehabilitated is approximately 4500 residents.

Need for Project

The project will be addressing existing water infiltration problems in the sanitary sewer system by sealing leaking service lateral connections and lining sewer manholes. This will also help limit effects of water infiltration into the system during heavy rain/ flooding events.

Project Description

The Township proposes to continue the rehabilitation of existing Asbestos Cement sanitary Sewer Mains in various areas of the Township. Manhole rehabilitation and lateral sealing will also be performed.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Burlington Township		
Project No.:	S340712-17	Eligible Project Cost:	$960,000
Rank:	492		
County:	Burlington	Total State Amount:	$960,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022594
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.022594

Project Name, Number	Priority List Rank
Burlington Township S340712-17 Sanitary Sewer System Rehabilitation	492

County

Burlington

Existing Population

22,594

Service Area

The area to be redeveloped is withing the LaGorce Square and Pinewald residential subdivisions

Need for Project

The project will eliminate existing groundwater infiltration resulting from damaged pipes, leaking joints and leaking lateral connections.

Project Description

Existing Asbestos Cement Sewer Mains are to be relined with Cured in Place Plastic Pipe. Existing Manholes are to be rehabilitated using a centrifugally applied cement coating. Any leaking Sewer Lateral connections are to be sealed with grout to prevent infiltration.

Anticipated Recipient:	Burlington Township		
Project No.:	S340712-16	Eligible Project Cost:	$960,000
Rank:	492		
County:	Burlington	Total State Amount:	$960,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022594
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.022594

Project Name, Number

Burlington Township
S340712-16
Sanitary Sewer System Rehabilitation

Priority List Rank

492

County

Burlington

Existing Population

22,594

Service Area

The service area that the project will affect is primarily low to medium density residential developments with two recreational areas (Skimmer Adams Field/ Upper Sylvan Lake)

Need for Project

The project will improve water quality by reducing the amount of infiltration currently being experienced in the system.

Project Description

The project consists of the rehabilitation of various asbestos cement sanitary sewer mains using trenchless technology to reline the pipes. Sewer manholes located along the sewer mains will also be rehabilitated.

Anticipated Recipient:	Raritan Township Municipal Utilities Authority		
Project No.:	S340485-11	Eligible Project Cost:	$500,308
Rank:	495		
County:	Hunterdon	Total State Amount:	$500,308

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0225
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0225

Project Name, Number	Priority List Rank
Raritan Township Municipal Utilities Authority S340485-11 Sanitary Sewer System Rehabilitation	495

County

Hunterdon

Existing Population

22,500

Service Area

Flemington Borough

Need for Project

The existing sewer is currently located under the athletic field at HCRHS. As part of an artificial turf field renovation project, a video inspection was performed. During a recent video inspection, a significant break was discovered and also it was noted that a section of the cast iron pipe has considerable tuberculation. An effort to repair and rehabilitate this section of sewer would require substantial disturbance to the field's substructure and also when the proposed field renovations are complete this portion of the sewer would be inaccessible.

Project Description

The proposed project includes the relocation of the existing sewer located under the HCRHS Football field. Work includes the installation of 4 manholes and approximately 770 lf of SDR 35 pipe. Also included is the abandonment of two existing manholes and 750 lf of 18 clay pipe.

Anticipated Recipient:	Raritan Township Municipal Utilities Authority		
Project No.:	S340485-07	Eligible Project Cost:	$2,250,375
Rank:	495		
County:	Hunterdon	Total State Amount:	$2,250,375

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0225
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0225

Project Name, Number | **Priority List Rank**

Raritan Township Municipal Utilities Authority
S340485-07 | 495
Sanitary Sewer System Rehabilitation

County

Hunterdon

Existing Population

22,500

Service Area

RTMUA sewer

Need for Project

Installation of flow meters and a SCADA system will help optimize treatment improve emergency response times and identify and quantify infiltration and inflow sources.

Project Description

The proposed project includes installing new Meter Manholes to house new flow meters at pump stations installing communication devices at stations to communicate with RTMUA central control facility and installing new communications devices at RTMUA plant to communicate with RTMUA central control facility.

Anticipated Recipient:	South Brunswick Township		
Project No.:	S340866-01	Eligible Project Cost:	$374,327
Rank:	497		
County:	Middlesex	Total State Amount:	$374,327

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.02236
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.02236

Project Name, Number	Priority List Rank
South Brunswick Township S340866-01 Sanitary Sewer System Rehabilitation	497

County

Middlesex

Existing Population

22,360

Service Area

South Brunswick Township (Kendall Park)

Need for Project

The Township has had an ongoing II program since 1990. Sewer lines have been televised and problem areas recorded. Small problems have been corrected but certain areas reqire 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 II in the system.

Anticipated Recipient:	Medford Township		
Project No.:	S340346-06	Eligible Project Cost:	$3,242,185
Rank:	498		
County:	Burlington	Total State Amount:	$3,242,185

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022253
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.022253

Project Name, Number	Priority List Rank
Medford Township S340346-06 Sanitary Sewer System Rehabilitation	498

County

Burlington

Existing Population

22,253

Service Area

Medford Township

Need for Project

The project is required to reduce the amount of stormwater inflow and infiltration into the sanitary sewer collection system.

Project Description

Project consists of sanitary sewer lining of ACP trunk sewer lines.

Anticipated Recipient:	South Plainfield Borough		
Project No.:	S340408-01	Eligible Project Cost:	$458,425
Rank:	499		
County:	Middlesex	Total State Amount:	$458,425

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.02181
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.02181

Project Name, Number	Priority List Rank
South Plainfield Borough S340408-01 Equipment Purchase (Clean Water)	499

County

Middlesex

Existing Population

21,810

Service Area

City of Clifton

Need for Project

The purchase of the above reference equipment is to meet state regulated mandates associated with the Stormwater Management Program as well as provide the borough with the means to clear blockage and back-ups of their existing sanitary and storm sewer areas reducing the potential for adjacent stream andor water body areas contamination.

Project Description

The Borough of South Plainfield is proposed to purchase of new mobile combination sewer and catch basin cleaning machine. The apparatus will be capable of high pressure water cleaning of sanitary sewer or storm sewer drain lines while simultaneously removing debris from a manhole or catch basin with a Three Stage Fan air compressor vacuum system in order to minimize the adverse impact of stormwater runoff on water quality.

Anticipated Recipient:	Deptford Township Municipal Utilities Authority		
Project No.:	S340066-03	Eligible Project Cost:	$899,519
Rank:	500		
County:	Gloucester	Total State Amount:	$899,519

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.021677
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.021677

Project Name, Number	Priority List Rank
Deptford Township Municipal Utilities Authority S340066-03 Sanitary Sewer System Rehabilitation	500

County

Gloucester

Existing Population

21,677

Service Area

Deptford Township, Gloucester County

Need for Project

Sanitary Sewer Rehabilitation at Country Club Estates section of Deptford Township as mains are approaching the end of their useful design life and to avoid detriment to the health, safety, and welfare of the residents of Deptford Township.

Project Description

Sanitary Sewer Rehabilitation at Country Club Estates section of Deptford Township

Anticipated Recipient:	Deptford Township Municipal Utilities Authority		
Project No.:	S340066-04	Eligible Project Cost:	$647,407
Rank:	500		
County:	Gloucester	Total State Amount:	$647,407

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.021677
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.021677

Project Name, Number	Priority List Rank
Deptford Township Municipal Utilities Authority S340066-04 Sanitary Sewer System Rehabilitation	500

County

Gloucester

Existing Population

21,677

Service Area

Deptford Township, Gloucester County

Need for Project

Sanitary Sewer Rehabilitation at East Woodbury section of Deptford Township as mains are approaching the end of their useful design life and to avoid detriment to the health, safety, and welfare of the residents of Deptford Township.

Project Description

Sanitary Sewer Rehabilitation at East Woodbury section of Deptford Township

Anticipated Recipient:	West Deptford Township		
Project No.:	S340947-05	Eligible Project Cost:	$1,252,500
Rank:	500		
County:	Gloucester	Total State Amount:	$1,252,500

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.021677
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.021677

Project Name, Number	Priority List Rank
West Deptford Township S340947-05 Sanitary Sewer System Rehabilitation	500

County

Gloucester

Existing Population

21,677

Service Area

West Deptford Township is located in Gloucester County, New Jersey. The Township was incorporated in 1871 and is a suburban municipality which borders the Delaware River. The Township covers over 17 square miles. Adjacent municipalities include Gloucester City to the north, Westville and Brooklawn Boroughs to the northeast, Deptford Township, Woodbury City, and Woodbury Heights to the east, Mantua and East Greenwich Townships to the south, Paulsboro to the southwest, and National Park Borough to the west.

Need for Project

Replacing these two 40-50 year pump stations will limit possible future failures and prevent discharge to groundwater. The new systems will have emergency generators to make sure they continue to operate during power outages.

Project Description

Replacement of Pump Station #4 (a.k.a. Red Bank) and Pump Station #6 (a.k.a. Queen Street)

Anticipated Recipient:	Hillside (JMEUC) Township		
Project No.:	S340686-10	Eligible Project Cost:	$1,266,866
Rank:	503		
County:	Union	Total State Amount:	$1,266,866

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.021404
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.021404

Project Name, Number	Priority List Rank
Hillside (JMEUC) Township S340686-10 Sanitary Sewer System Rehabilitation	503

County

Union

Existing Population

21,404

Service Area

The service area for this project encompasses the entire Township of Hillside. Improvements to the pump station will benefit the entire sanitary system, and the street sweeper will improve the condition of the overall storm sewers and receiving waters.

Need for Project

The North Avenue Pumping Station has numerous components that are in need of repair to prevent operational failure of the pump station. The operation of this pump station is necessary to convey sanitary flow from Hillside Township to the Joint Meeting of Essex and Union Counties where it is treated. Failure of this pump station would result in significant disruptions in sanitary flow and potential compliance issues. The street sweeping vehicle associated with this project will assist in reducing the amount of sediment, debris, and pollutants entering the Township's storm water system.

Project Description

This project includes improvements to the North Avenue Pump Station, as well as the equipment purchase of one (1) street sweeping vehicle.

Anticipated Recipient:	Edgewater Borough		
Project No.:	S340443-05	Eligible Project Cost:	$3,095,477
Rank:	504		
County:	Bergen	Total State Amount:	$3,095,477

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.02138
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.02138

Project Name, Number	Priority List Rank
Edgewater Borough S340443-05 Sanitary Sewer System Rehabilitation	504

County

Bergen

Existing Population

21,380

Service Area

Borough of Edgewater

Need for Project

The purpose of the project is to avoid future collapses roadway damage sanitary sewer back-ups into residences and overflows over land.

Project Description

The propsed project includes sanitary point repairs throughout the northern portion of the Borough including manhole repairs.

Anticipated Recipient:	Hillside Township		
Project No.:	S340906-03	Eligible Project Cost:	$1,110,388
Rank:	505		
County:	Union	Total State Amount:	$1,110,388

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.02137
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.02137

Project Name, Number	Priority List Rank
Hillside Township S340906-03 Sanitary Sewer System Rehabilitation	505

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 II. Rehabilitation of the entire sanitary sewer system is necessary to remove 650000 gpd of II 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 II correction program to eliminate the portion of II 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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Hazlet Township		
Project No.:	S340968-01	Eligible Project Cost:	$916,350
Rank:	505		
County:	Monmouth	Total State Amount:	$916,350

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.021378
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.021378

Project Name, Number	Priority List Rank
Hazlet Township S340968-01 Sanitary Sewer System Rehabilitation	505

County

Monmouth

Existing Population

21,378

Service Area

Hazlet Township

Need for Project

The Townships 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 infiltrationinflow correction program and replacement of a pump station.

Anticipated Recipient:	Roselle Borough		
Project No.:	S340332-02	Eligible Project Cost:	$3,471,822
Rank:	507		
County:	Union	Total State Amount:	$3,471,822

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.021085
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.021085

Project Name, Number

Roselle Borough
S340332-02
Sanitary Sewer System Rehabilitation

Priority List Rank

507

County

Union

Existing Population

21,085

Service Area

The lining of sanitary sewers will occur in the western portion of Roselle Borough in the vicinity of surface stormwater drainage. It is the experience of the Borough Engineer that lining sanitary sewers located near surface stormwater drainage is effective in reducing I/I.

Need for Project

This project will reduce I/I into the sanitary sewer system and prevent downstream sewer overflows. This will increase water quality by preventing the untreated discharge of sanitary sewerage into stormwater systems.

Project Description

The Borough of Roselle proposes to perform sanitary sewer system improvements to sanitary sewer mains which will include the cleaning television inspection and lining of approximately 3.5 miles of sanitary sewer pipe. The bulk of the sanitary sewer system consists of terra cotta or clay pipe that will be inspected and lined. The Borough of Roselle desires to decrease the amount of II that enters the system by utilizing cured-in-place (CIP) lining techniques for the majority of the project where improvements are warranted. Where lining is not an option due to pipe section collapses in-kind sanitary sewer pipe replacement within the existing trench box shall be performed. Sanitary manhole rehabilitation is anticipated in order to stabilize structures where needed.

Anticipated Recipient:	Hamilton Township Municipal Utilities Authority		
Project No.:	S340903-06	Eligible Project Cost:	$2,322,854
Rank:	508		
County:	Atlantic	Total State Amount:	$2,322,854

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.020895
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.020895

Project Name, Number	Priority List Rank
Hamilton Township Municipal Utilities Authority S340903-06 Sewage Treatment Plant (STP) - Improvement/Upgrade	508

County

Atlantic

Existing Population

20,895

Service Area

Portion of Township of Hamilton contained within wastewater management plan (21 square mile service for sewer with total township area of 111.127 square miles).

Need for Project

Increased operational and administrative efficiencies for wastewater collection operations.

Project Description

Repurpose a shuttered sewer treatment plant into office space and training facilities

Anticipated Recipient:	Carteret Borough		
Project No.:	S340939-01	Eligible Project Cost:	$7,234,505
Rank:	509		
County:	Middlesex	Total State Amount:	$7,234,505

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.020709
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.020709

Project Name, Number

Carteret Borough
S340939-01
Sanitary Sewer System Rehabilitation

Priority List Rank

509

County

Middlesex

Existing Population

20,709

Service Area

Borough of Carteret

Need for Project

The project is needed to help reduce the Boroughs current II issues. Inflow and Infiltration contribute to sanitary sewer overflow conditions as well as surcharge of the system. Due to the influx of additional unanticipated flow the sanitary sewer system becomes overloaded and fails due to capacity constraints. By repairing the worst section of the system as noted from Borough inspections and maintenance programs this will be a significant first step in reducing II in the Borough.

Project Description

The Borough in an effort to combat an ever-growing Inflow and Infiltration (II) problem with its sanitary sewer system intends to rehabilitate approximately 10000 to 12000 linear feet of existing vitrified clay sanitary sewer main which is approximately 80 years old.

Anticipated Recipient:	Burlington Township		
Project No.:	S340712-13	Eligible Project Cost:	$639,645
Rank:	510		
County:	Burlington	Total State Amount:	$639,645

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.020294
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.020294

Project Name, Number	Priority List Rank
Burlington Township S340712-13 Sanitary Sewer System Rehabilitation	510

County

Burlington

Existing Population

20,294

Service Area

The Burlington Township sanitary sewer system services the entirety of Burlington Township, with the exception of a limited number of homes that utilize septic systems. The system also services several businesses along County Route 541 in Springfield Township, including a motel and busing terminal.

Need for Project

During Super storm Sandy, numerous sanitary sewer pump stations were put out of service due to power outages.

Project Description

(Carryover SFY2015) - The scope of work for this project includes the installation of Emergency Generator systems at eight 98) of the Townships sanitary sewer pump stations which currently do not have any form of emergency back-up power

Anticipated Recipient:	West Deptford Township		
Project No.:	S340947-04	Eligible Project Cost:	$2,315,615
Rank:	511		
County:	Gloucester	Total State Amount:	$2,315,615

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.019638
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.019638

Project Name, Number

West Deptford Township
S340947-04
Pump Stations

Priority List Rank

511

County

Gloucester

Existing Population

19,638

Service Area

West Deptford Township

Need for Project

The three existing pump stations are submarine style stations that were built in the early 1970s. The stations are proposed be replaced with suction lift stations to remove the need for Township workers to enter confined spaces for maintenance work that becomes increasingly necessary as the stations age. The new stations would have backup generators where none currently exist. Currently extended power outages cause failures of the station and create a backup of sewage to the local residents.

Project Description

Replace existing pump station number one located at Grove and Cumberland pump station number six located at the corner of Prince and Linden and pump station ten located on the north side of Crown Point Road west of its intersection with Church Street.

Anticipated Recipient:	North Arlington-Lyndhurst Joint Meeting		
Project No.:	S340426-07	Eligible Project Cost:	$2,049,114
Rank:	512		
County:	Bergen	Total State Amount:	$2,049,114

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.019383
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.019383

Project Name, Number

North Arlington-Lyndhurst Joint Meeting
S340426-07
Pump Stations

Priority List Rank

512

County

Bergen

Existing Population

19,383

Service Area

Portions of the Borough of North Arlington and Township of Lyndhurst

Need for Project

Upgrading the equipment in the pump stations will greatly reduce the chance of a sewage overflow and potential water contamination. In-line storm sewer and sanitary pipe improvements would reduce all types of inflowinfiltration increasing system capacity. Outfall improvements will reduce erosion and stream degradation.

Project Description

This proposed proposed project includes upgrades to two sanitary pumping stations and one storm sewer station. The project also includes storm and sewer pipe rehabilitaion and outfall improvements.

Anticipated Recipient:	Maple Shade Township		
Project No.:	S340710-04	Eligible Project Cost:	$1,721,795
Rank:	513		
County:	Burlington	Total State Amount:	$1,721,795

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.019079
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.019079

Project Name, Number	Priority List Rank
Maple Shade Township S340710-04 Sanitary Sewer System Rehabilitation	513

County

Burlington

Existing Population

19,079

Service Area

Township of Maple Shade

Need for Project

Replacement of deteriorating sewer and manholes will ensure serviceability and capacity in handling peak flows.

Project Description

The proposed project involves replacement and repair of service mains and manholes.

Anticipated Recipient:	Moorestown Township		
Project No.:	S340912-02	Eligible Project Cost:	$862,491
Rank:	514		
County:	Burlington	Total State Amount:	$862,491

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.019017
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.019017

Project Name, Number	Priority List Rank
Moorestown Township S340912-02 Sanitary Sewer System Rehabilitation	514

County

Burlington

Existing Population

19,017

Service Area

Township of Moorestown

Need for Project

The Townships sewer main is corroded and discharges sewage to the stormwater sytem.

Project Description

The proposed project includes replacement of the asbestos cement pipe with PVC pipe.

Anticipated Recipient:	Elmwood Park Borough		
Project No.:	S340863-01	Eligible Project Cost:	$985,189
Rank:	515		
County:	Bergen	Total State Amount:	$985,189

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.018925
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.018925

Project Name, Number	Priority List Rank
Elmwood Park Borough S340863-01 Sanitary Sewer System Rehabilitation	515

County

Bergen

Existing Population

18,925

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 infiltrationinflow (II) in this municipalitys sewer system.

Project Description

An II correction program which will consist of grouting slip lining and repairingreplacing structurally damaged pipes and manholes will be undertaken to remove the identified excessive II.

Anticipated Recipient:	Rutherford Borough		
Project No.:	S340192-01	Eligible Project Cost:	$708,917
Rank:	516		
County:	Bergen	Total State Amount:	$708,917

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01811
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.01811

Project Name, Number	Priority List Rank
Rutherford Borough S340192-01 Sanitary Sewer System Rehabilitation	516

County

Bergen

Existing Population

18,110

Service Area

Borough of Rutherford

Need for Project

The sanitary sewer replacement and rehabilitation is necessary to reduce infiltration and inflow and to minimize the chance of failure in the system.

Project Description

The project consists of televising and clearing of numerous sections of sanitary sewer piping of various diameter throughout the Borough and then identifying deficient areas for point repairs in kind replacement or trenchless lining.

Anticipated Recipient:	Dumont Borough		
Project No.:	S340922-01	Eligible Project Cost:	$3,625,787
Rank:	517		
County:	Bergen	Total State Amount:	$3,625,787

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01771
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.01771

Project Name, Number	Priority List Rank
Dumont Borough S340922-01 Sanitary Sewer System Rehabilitation	517

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 Authoritys System the second phase will cover the northwest quandrant the third phase the southwest quadrant and the fourth and final phase the northeast quadrant.

Anticipated Recipient:	Hopewell Township		
Project No.:	S340282-03	Eligible Project Cost:	$1,640,000
Rank:	518		
County:	Mercer	Total State Amount:	$1,640,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.017304
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.017304

Project Name, Number	Priority List Rank
Hopewell Township S340282-03 Sanitary Sewer System Rehabilitation	518

County

Mercer

Existing Population

17,304

Service Area

The Hopewell Township Department of Public Works operates and maintains two (2) small public sanitary sewer conveyance systems which service approximately 1,905 customers within Brandon Farms and Princeton Farms developments. Brandon Farms sewerage system serves 1,686 residential dwellings, one (1) school and seven (7) commercial customers. No treatment is performed within this community and all sewerage is conveyed to Ewing Lawrence Sewerage Authority (ELSA). Princeton Farms sewerage system serves 211 residential dwelling customers. No treatment is performed within this community and all sewerage is conveyed to Stony Brook Regional Sewerage Authority (SBRSA). The Township plans for the repair deteriorated sewers to assure that wastewater is safely conveyed through the sewers to each respective regional wastewater treatment facility. A significant portion of the planning efforts will include the preparation of an Asset Management Plan (AMP) to identify critical areas for repair.

Need for Project

Portions of both existing collection system are deteriorated and subject to I&I resulting in loss of sewage to the environment and admission of groundwater and stormwater to the system. I&I has led to a notice of wet well overflow from the New Jersey Department of Environmental Protection (NJDEP) at the Princeton Farms location.

Project Description

The Hopewell Township Sewer Department operates and maintains two (2) small public sanitary sewer conveyance systems which service the Brandon Farms and Princeton Farms developments. Portions of both existing collection systems are deteriorated and subject to inflow and infiltration (I&I) resulting in loss of sewage to the environment and admission of groundwater and stormwater to the system. I&I has led to a notice of wet well overflow from the New Jersey Department of Environmental Protection (NJDEP) at the Princeton Farms location. The Township plans for the repair of deteriorated sewers to assure that wastewater is safely conveyed through the sewers to each respective regional wastewater treatment facility. As such, in addition to the rehabilitation, a significant portion of the planning efforts represent the creation and preparation of an Asset Management Plan (AMP) which the Township is seeking PF Grant monies to complete.

Anticipated Recipient:	Stony Brook Regional Sewer Authority		
Project No.:	S340400-03	Eligible Project Cost:	$560,281
Rank:	519		
County:	Mercer	Total State Amount:	$560,281

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01712
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.01712

Project Name, Number	Priority List Rank
Stony Brook Regional Sewer Authority S340400-03 Sanitary Sewer System Rehabilitation	519

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 II 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.:	S340313-01	Eligible Project Cost:	$430,399
Rank:	520		
County:	Bergen	Total State Amount:	$430,399

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.017073
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.017073

Project Name, Number	Priority List Rank
Palisades Park Borough S340313-01 Sanitary Sewer System Rehabilitation	520

County

Bergen

Existing Population

17,073

Service Area

Borough of Washington

Need for Project

The Boroughs 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 infiltrationinflow correction program in conjunction with the replacementrehabilitation of sections of the sewer system.

Anticipated Recipient:	Princeton		
Project No.:	S340656-11	Eligible Project Cost:	$3,925,678
Rank:	521		
County:	Mercer	Total State Amount:	$3,925,678

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.016265
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.016265

Project Name, Number	Priority List Rank
Princeton S340656-11 Sanitary Sewer System Rehabilitation	521

County

Mercer

Existing Population

16,265

Service Area

This project's service area is Linden Lane between Nassau Street and Henry Avenue; the entire length of Spruce Street; and Maple Street from Spruce Street to the northern end.

Need for Project

By reducing the wastewater flow conveyed to the SBRSA, the Princetons are helping to reduce the amount of flow treated at the SBRSAs River Road facility. In addition, the new infrastructure helps to prevent wastewater flow from ex-filtrating from the collection system. Overall, the rehabilitation of the collection system provides a water quality benefit to the area.

Project Description

This project provides for roadway, sanitary sewer, storm drainage, and pedestrian improvements on Linden Lane between Nassau Street and Henry Avenue; the entire length of Spruce Street; and Maple Street from Spruce Street to the northern end. The principal items of work consist of the following: 4,085 CY of excavation, unclassified; 11,595 CY of dense graded aggregate base course; 4,579 tons of HMA 19M64 base course; 1,460 tons of HMA 9.5M64 surface course; 655 LF of reinforced concrete storm pipe; 393 LF of PVC storm pipe; 4,804 LF of sanitary sewer pipe lining; 1,206 LF of PVC sanitary sewer pipe replacement; 4,687 LF of sanitary sewer pipe lateral replacement; 3,255 SY of concrete sidewalk ADA curb ramps and driveway aprons; 2,029 LF of concrete vertical curb; traffic markings; permanent signage; tree removal and other related miscellaneous work. The estimated construction cost is $3,271,398.00 of which $2.221,574.00 is eligible.

Anticipated Recipient:	Princeton		
Project No.:	S340656-12	Eligible Project Cost:	$1,871,602
Rank:	521		
County:	Mercer	Total State Amount:	$1,871,602

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.016265
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.016265

Project Name, Number	Priority List Rank
Princeton S340656-12 Sanitary Sewer System Rehabilitation	521

County

Mercer

Existing Population

16,265

Service Area

This project's service area is the entire length of Bank Street from Nassau Street to Chamber Street.

Need for Project

By reducing the wastewater flow conveyed to the SBRSA, Princeton is helping to reduce the amount of flow treated at the SBRSA's River Road facility. In addition, the new infrastructure helps to prevent wastewater flow from exfiltrating from the collection system. Overall, the rehabilitation of the collection system provides a water quality benefit to the area.

Project Description

Sanitary sewer mains in the road and under sidewalk will be rehabilitated by means of pipe replacement, spot repair, and / or pipe lining. Sewer laterals will be replaced by pipe bursting or open excavation. New laterals may be installed for duplexes currently using a combined lateral. New storm sewer piping will be installed under sidewalks to an existing underground storm sewer, which will be rehabilitated. Sidewalks will be reconstructed with tinted concrete. The 12' x 18' wide road will be reconstructed with new aggregate subbase and full depth pavement, as the sewer construction will damage all existing pavement. Curb will be replaced with granite curb and concrete curb. A tinted concrete raised crosswalk, flanked on both sides by 4" cobbles, will be constructed at the south end of the project. New trees with iron tree grates may be added. Pavement striping and markings and signage will be replaced. The total estimated project cost is $1,559,668 of which $988,974 is eligible.

Anticipated Recipient:	Readington Township		
Project No.:	S340577-07	Eligible Project Cost:	$226,059
Rank:	523		
County:	Hunterdon	Total State Amount:	$226,059

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.015803
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.015803

Project Name, Number	Priority List Rank
Readington Township S340577-07 Sanitary Sewer System Rehabilitation	523

County

Hunterdon

Existing Population

15,803

Service Area

Township of Readington

Need for Project

The Townships 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 infiltrationinflow correction program in conjunction with the replacementrehabilitation of sections of the sewer system.

Anticipated Recipient:	Holmdel Township		
Project No.:	S340919-03	Eligible Project Cost:	$316,480
Rank:	524		
County:	Monmouth	Total State Amount:	$316,480

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.015781
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.015781

Project Name, Number	Priority List Rank
Holmdel Township S340919-03 Equipment Purchase (Clean Water)	524

County

Monmouth

Existing Population

15,781

Service Area

Holmdel Township

Need for Project

Thw Township plans to purchase a sewer Jet Vac to maintain existing sewers.

Project Description

The proposed project includes purchase of a sewer Jet Vac.

Anticipated Recipient:	Warren County		
Project No.:	S340580-04	Eligible Project Cost:	$2,463,225
Rank:	525		
County:	Warren	Total State Amount:	$2,463,225

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01542
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.01542

Project Name, Number	Priority List Rank
Warren County S340580-04 Interconnection	525

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 II analysis included in the facilities plan concluded infiltration to be non-excessive but recommended a Sewer System Evaluation Survey (SSES $26000) 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 II analysis and make recommendations for II 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:	Warren Township Sewerage Authority		
Project No.:	S340964-05	Eligible Project Cost:	$10,800,000
Rank:	526		
County:	Somerset	Total State Amount:	$10,800,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.015311
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.015311

Project Name, Number	Priority List Rank
Warren Township Sewerage Authority S340964-05 Sanitary Sewer System Rehabilitation	526

County

Somerset

Existing Population

15,311

Service Area

The Warren Township Sewerage Authority services the Township of Warren in Somerset County, New Jersey

Need for Project

Existing sanitary sewer collection system is experiencing I/I. This project will reduce the I/I and allow the Wastewater Treatment Plants the available capacity to meet the service areas needs.

Project Description

Rehabilitation of the Stage I/II & IV sewer collection system to reduce impacts from infiltration and inflow.

Anticipated Recipient:	Bernards Township Sewerage Authority		
Project No.:	S340382-03	Eligible Project Cost:	$482,182
Rank:	527		
County:	Somerset	Total State Amount:	$482,182

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0153
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0153

Project Name, Number	Priority List Rank
Bernards Township Sewerage Authority S340382-03 Sanitary Sewer System Rehabilitation	527

County

Somerset

Existing Population

15,300

Service Area

Bernards Township

Need for Project

There is excessive infiltrationinflow in the existing collection system which can be cost-effectively removed by II correction. However the operation of the treatment plant will not be affected by the excessive II.

Project Description

The proposed project involves II 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:	Mantua Township MUA		
Project No.:	S340514-01	Eligible Project Cost:	$1,363,473
Rank:	528		
County:	Gloucester	Total State Amount:	$1,363,473

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.015217
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.015217

Project Name, Number	Priority List Rank
Mantua Township MUA S340514-01 Sewage Treatment Plant (STP) - Improvement/Upgrade	528

County

Gloucester

Existing Population

15,217

Service Area

The Township population is 15,217 residents, based on the 2010 census. The sanitary sewer collection system is owned and maintained by the Mantua Township Municipal Utilities Authority (MTMUA). Sanitary sewer generated by the Township is conveyed to the Gloucester County Utility Authority (GCUA) for treatment.

Need for Project

This project is being undertaken in order to protect and enhance existing sanitary sewer infrastructure within the MTMUA service area. Failing to maintain the current infrastructure will only serve to increase the risk of future service interruption. The replacement of existing sanitary sewer infrastructure will serve to protect local water quality from disturbances related to chemical leaching and accidental discharges from aging infrastructure. Overall the proposed work will enable MTMUA to keep the municipal infrastructure in good operating condition, reduce unscheduled maintenance, and improve system monitoring.

Project Description

The Mantua Township Municipal Utilities Authority (MTMUA) has been evaluating the water and sewer infrastructure within the Township in an effort to identify equipment and components that are aging and reaching the end of its life cycle. The Authority is looking to be proactive and has identified three (3) sanitary sewer projects that will lessen maintenance time / costs, improve safety and allow for improved system monitoring. The Austin Street PS Improvements consist of the removal and replacement of the existing pumping station and associated force main as well as upgrades to existing communication / SCADA system for improved monitoring and control.

Anticipated Recipient:	Mantua Township MUA		
Project No.:	S340514-03	Eligible Project Cost:	$772,471
Rank:	528		
County:	Gloucester	Total State Amount:	$772,471

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.015217
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.015217

Project Name, Number

Mantua Township MUA
S340514-03
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

528

County

Gloucester

Existing Population

15,217

Service Area

The Township population is 15,217 residents, based on the 2010 census. The sanitary sewer collection system is owned and maintained by the Mantua Township Municipal Utilities Authority (MTMUA). Sanitary sewer generated by the Township is conveyed to the Gloucester County Utility Authority (GCUA) for treatment.

Need for Project

This project is being undertaken in order to protect and enhance existing sanitary sewer infrastructure within the MTMUA service area. Failing to maintain the current infrastructure will only serve to increase the risk of future service interruption. The replacement of existing sanitary sewer infrastructure will serve to protect local water quality from disturbances related to chemical leaching and accidental discharges from aging infrastructure. Overall the proposed work will enable MTMUA to keep the municipal infrastructure in good operating condition, reduce unscheduled maintenance, and improve system monitoring.

Project Description

The Mantua Township Municipal Utilities Authority (MTMUA) has been evaluating the water and sewer infrastructure within the Township in an effort to identify equipment and components that are aging and reaching the end of its life cycle. The Authority is looking to be proactive and has identified three (3) sanitary sewer projects that will lessen maintenance time / costs, improve safety and allow for improved system monitoring. The Royal Oaks PS Improvements consist of the reconfiguration of the the existing electrical system, standby power system, removal and replacement of duplex pump control panel, and complete installation of station bypass capabilities. In addition the installation of new grinder, new winch / davit equipment and upgrades to the existing communication / SCADA system for improved monitoring and control are being included within this project.

Anticipated Recipient:	Hammonton Town		
Project No.:	S340927-06	Eligible Project Cost:	$325,117
Rank:	530		
County:	Atlantic	Total State Amount:	$325,117

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.014791
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.014791

Project Name, Number	Priority List Rank
Hammonton Town S340927-06 Sanitary Sewer System Rehabilitation	530

County

Atlantic

Existing Population

14,791

Service Area

Hammonton Town

Need for Project

A SCADA system will promote reliable and efficient operation of the sewer system.

Project Description

The proposed project includes implementation of a system wide SCADA monitoring system.

Anticipated Recipient:	Hammonton Town		
Project No.:	S340927-08	Eligible Project Cost:	$2,220,549
Rank:	530		
County:	Atlantic	Total State Amount:	$2,220,549

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.014791
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.014791

Project Name, Number	Priority List Rank
Hammonton Town S340927-08 Sanitary Sewer System Rehabilitation	530

County

Atlantic

Existing Population

14,791

Service Area

Valley Avenue is a residential street. A portion of Broadway will also be completed.

Need for Project

Older vitrified clay and related structures in need of replacement due to deterioration and infiltration.

Project Description

The segment of the Towns combined infrastructure that is the subject of this application serves the area adjacent to a 4600 LF section of Valley Avenue extending from Central Avenue (Atlantic County Route 542) to Bellevue Avenue (NJSHW Route 54) inclusive of a 900 LF segment of Broadway extending south from Valley Avenue to Central Avenue (Atlantic County Route 542).

Anticipated Recipient:	Dover Town		
Project No.:	S340889-01	Eligible Project Cost:	$935,648
Rank:	532		
County:	Morris	Total State Amount:	$935,648

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01441
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.01441

Project Name, Number	Priority List Rank
Dover Town S340889-01 Sanitary Sewer System Rehabilitation	532

County

Morris

Existing Population

14,410

Service Area

Town of Dover

Need for Project

The Rockaway Valley Regional Sewerage Authority InfiltrationInflow (II) Analysis and Sewer System Evaluation Survey identified excessive II in this municipalitys sewer system.

Project Description

The excessive II will be removed by grouting slip lining and other minor rehabilitation procedures.

Anticipated Recipient:	Verona Township		
Project No.:	S340533-04	Eligible Project Cost:	$1,465,130
Rank:	533		
County:	Essex	Total State Amount:	$1,465,130

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01415
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.01415

Project Name, Number	Priority List Rank
Verona Township S340533-04 Sanitary Sewer System Rehabilitation	533

County

Essex

Existing Population

14,150

Service Area

Borough of Verona

Need for Project

An InfiltrationInflow (II) analysis has concluded that the Boroughs sewer system exhibits excessive II. Additional studies are underway to further define the quantity of excessive II 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 II correction to remove a portion of the excessive II. 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.:	S340855-01	Eligible Project Cost:	$1,465,130
Rank:	534		
County:	Union	Total State Amount:	$1,465,130

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01409
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.01409

Project Name, Number	Priority List Rank
Springfield Township S340855-01 Sanitary Sewer System Rehabilitation	534

County

Union

Existing Population

14,090

Service Area

Township of Springfield

Need for Project

Recent studies have indicated the presence of excessive InfiltrationInflow (II) within the Townships sewer collection system.

Project Description

Recommended is an II correction program consisting of minor rehabilitation measures to remove the excessive InfiltrationInflow.

Anticipated Recipient:	Middlesex Borough		
Project No.:	S340698-02	Eligible Project Cost:	$2,568,750
Rank:	535		
County:	Middlesex	Total State Amount:	$2,568,750

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.013635
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.013635

Project Name, Number	Priority List Rank
Middlesex Borough S340698-02 Sanitary Sewer System Rehabilitation	535

County

Middlesex

Existing Population

13,635

Service Area

The sewer service area for this project is within the municipal boundaries of the Borough of Middlesex.

Need for Project

The project is required to remove excess infiltration and inflow from existing sanitary sewer mains and manholes.

Project Description

The Borough of Middlesex intends on rehabilitating approximately 9,700 linear feet of various size sanitary sewer main utilizing trenchless technology including rehabilitating sewer system appurtenances and reconstructing five sanitary sewer manholes.

Anticipated Recipient:	Middlesex Borough		
Project No.:	S340698-03	Eligible Project Cost:	$898,640
Rank:	535		
County:	Middlesex	Total State Amount:	$898,640

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.013635
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.013635

Project Name, Number	Priority List Rank
Middlesex Borough S340698-03 Sanitary Sewer System Rehabilitation	535

County

Middlesex

Existing Population

13,635

Service Area

The service area for the project includes the northern central part of the Borough of Middlesex. The Borough of Middlesex owns and operates their sanitary sewer collection system within their municipal boundaries..

Need for Project

The improvements to the Greenbrook Road and Louis Avenue pump stations are required to replace aging equipment and maintain the sanitary sewer system. In addition an infiltration and inflow (I&I) study is required in an effort to determine where the I & I needs to be reduced.

Project Description

This project includes the rehabilitation of the Borough's Greenbrook Road and Louis Avenue Pump Stations and an Infiltration/Inflow Study to reduce/eliminate I/I from the Borough's Sanitary Sewer System

Anticipated Recipient:	Clinton Town		
Project No.:	S340924-06	Eligible Project Cost:	$1,259,960
Rank:	537		
County:	Hunterdon	Total State Amount:	$1,259,960

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.013299
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.013299

Project Name, Number	Priority List Rank
Clinton Town S340924-06 Sanitary Sewer System Rehabilitation	537

County

Hunterdon

Existing Population

13,299

Service Area

Town of Clinton and portions of the Township of Clinton Borough of Highbridge Union Township Franklin Township the North Hunterdon County Regional School District and the State of New Jersery Facilities in Union Township.

Need for Project

The II study and remediation project will reduce the extraneous flows entering the system and reduce the possiblity of overflows during storm events.

Project Description

The proposed project includes an II study and remediation project to reduce the extraneous flows entering the system and reduce the possibility of overflows during storm events.

Anticipated Recipient:	Roselle Park Borough		
Project No.:	S340234-01	Eligible Project Cost:	$166,190
Rank:	538		
County:	Union	Total State Amount:	$166,190

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.013281
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.013281

Project Name, Number	Priority List Rank
Roselle Park Borough S340234-01 Sanitary Sewer System Rehabilitation	538

County

Union

Existing Population

13,281

Service Area

Borough of Roselle Park

Need for Project

A 15 vitrified clay pipe has been cracking and failing. It will be abandoned and flows transferred to an existing 24 line.

Project Description

The proposed project consists of abandoning a 15 line transferring flows to a 24 line and relining or repairing the 24 line to eliminate infiltrationinflow.

Anticipated Recipient:	Highland Park Borough		
Project No.:	S340938-01	Eligible Project Cost:	$4,315,232
Rank:	539		
County:	Middlesex	Total State Amount:	$4,315,232

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.013279
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.013279

Project Name, Number	Priority List Rank
Highland Park Borough S340938-01 Sanitary Sewer System Rehabilitation	539

County

Middlesex

Existing Population

13,279

Service Area

Highland Park

Need for Project

The Borough of Highland Parks gravity sewers suffer from infiltrationinflow due in part to faulty joints cracked or collapsed pipes and leaky manholes. In addition some of the Boroughs 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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Cedar Grove Township		
Project No.:	S340717-05	Eligible Project Cost:	$374,327
Rank:	540		
County:	Essex	Total State Amount:	$374,327

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01262
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.01262

Project Name, Number	Priority List Rank
Cedar Grove Township S340717-05 Sanitary Sewer System Rehabilitation	540

County

Essex

Existing Population

12,620

Service Area

Township of Cedar Grove

Need for Project

An InfiltrationInflow (II) analysis has concluded that the Townships sewer system exhibits excessive II. Additional studies are underway to further define this excessive II 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 II. 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 Township		
Project No.:	S340766-02	Eligible Project Cost:	$51,639
Rank:	541		
County:	Morris	Total State Amount:	$51,639

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0126
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0126

Project Name, Number

Parsippany Troy Hills Township
S340766-02
Sanitary Sewer System Rehabilitation

Priority List Rank

541

County

Morris

Existing Population

12,600

Service Area

Parsippany-Troy Hills-Study zones C & D

Need for Project

An infiltrationinflow (II) analysis has concluded that excessive II exists in the sewer system. Additional studies will define this excess quantity and propose an II correction program to eliminate a portion of the excessive II.

Project Description

This project is for the II correction of the Townships 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 II correction project does not affect the treatment system.

Anticipated Recipient:	Pennsville Sewerage Authority		
Project No.:	S340870-04	Eligible Project Cost:	$4,227,000
Rank:	542		
County:	Salem	Total State Amount:	$4,227,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.012456
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.012456

Project Name, Number	Priority List Rank
Pennsville Sewerage Authority S340870-04 Sanitary Sewer System Rehabilitation	542

County

Salem

Existing Population

12,456

Service Area

PSA's sanitary sewer service area service area.

Need for Project

This project is being undertaken in order to protect and enhance existing sanitary sewer system and wastewater treatment plant within the PSAs sewer service area. The Authority has observed that the frequency of repairs within the sanitary sewer system has increased in recent years, which suggest that the infrastructure is reaching the end of their service life cycle. These improvements will address a need that has been closely monitored for years. Failing to maintain the current infrastructure will only serve to increase the risk of discharging wastewater that has not been adequately treated, increase emergency repairs and undermined roadways as a result of sewer main breaks as well as future service interruption. The replacement of existing sanitary sewer force main and wastewater treatment plant improvements will serve to protect local water quality from disturbances related to unapproved discharges.

Project Description

The Pennsville Sewerage Authority (PSA) has been evaluating their sanitary sewer system infrastructure within the Township in an effort to identify equipment and components that are aging, reaching the end of its life cycle or would lessen maintenance time / costs, and improve operations. The first phase of the capital plan includes three (3) sanitary sewer projects that the Authority has determined should be the top priority. The following projects are being submitted by the Authority for inclusion within the funding application. Pumping Station No.3 Force Main Replacement. Wastewater Treatment Plant Improvements: Replacement of Rotating Biological Contactors (RBC's). Wastewater Treatment Plant Improvements: Construction of New Sludge Thickener and Sludge Pumping System Rehabilitation

Anticipated Recipient:	Red Bank Borough		
Project No.:	S340528-01	Eligible Project Cost:	$1,354,513
Rank:	543		
County:	Monmouth	Total State Amount:	$1,354,513

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.012206
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.012206

Project Name, Number	Priority List Rank
Red Bank Borough S340528-01 Sanitary Sewer System Rehabilitation	543

County

Monmouth

Existing Population

12,206

Service Area

The project will service will serve the Borough of Red Bank. In-kind replacement of the sanitary sewer along White Street

Need for Project

Eliminate excess infiltration/inflow into the sewer collection system by in-kind replacement of structurally deficient sewers and cured-in-place lining of structural sound sewer pipes.

Project Description

This project includes various in-kind replacement and cured-in-place lining of the Red Bank sanitary sewer collection system. The goal of this project is to eliminate excess infiltration/inflow into the sewer collection system by in-kind replacement of deteriorating sewer mains and cured-in-place lining of structurally sound sewer mains.

Anticipated Recipient:	Roxbury Township		
Project No.:	S340381-05	Eligible Project Cost:	$1,344,941
Rank:	544		
County:	Morris	Total State Amount:	$1,344,941

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0121
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0121

Project Name, Number

Roxbury Township
S340381-05
Sanitary Sewer System Rehabilitation

Priority List Rank

544

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 II correction program will follow.

Anticipated Recipient:	Hasbrouck Heights Borough		
Project No.:	S340329-01	Eligible Project Cost:	$14,226,449
Rank:	545		
County:	Bergen	Total State Amount:	$14,226,449

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.011662
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.011662

Project Name, Number	Priority List Rank
Hasbrouck Heights Borough S340329-01 Sanitary Sewer System Rehabilitation	545

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 Boroughs sewer system. The Borough also proposes to install a new siphon line and chamber.

Anticipated Recipient:	Haddonfield Borough		
Project No.:	S340220-01	Eligible Project Cost:	$2,517,530
Rank:	546		
County:	Camden	Total State Amount:	$2,517,530

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.011659
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.011659

Project Name, Number

Haddonfield Borough
S340220-01
Sanitary Sewer System Rehabilitation

Priority List Rank

546

County

Camden

Existing Population

11,659

Service Area

Borough of Haddonfield

Need for Project

Various water quality-based needs for the projects will be addressed including the removal of several existing potential cross-connections (Tanner St) reducing II (Woodland Ave and Coles Mill Pump Station Phase I) an the elimination of potential pump station overflows that would drain to adjacent waterways (Elm Ave Pump Station).

Project Description

The 2009 Sanitary and Storm Sewer Replacement Project includes the following projects Tanner Street - Replace existing clay sanitary sewer and brick storm sewer to remove cross-connections Woodland Ave - Replace existing clay sanitary sewer and install new storm sewersump pump collector Coles Mill Pump Station Replacement Phase I - install new PVC sanitary sewer connection to regional sewer authority to eliminate one (1) existing sanitary sewer pump station Station Ave - Replace existing damaged clay sanitary sewer and Elm Ave Pump Station - Install an emergency by-pass pump to prevent sanitary sewer overflows.

Anticipated Recipient:	West Caldwell Township		
Project No.:		Eligible Project Cost:	$268,597
Rank:	547		
County:	Essex	Total State Amount:	$268,597

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.011233
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.011233

Project Name, Number

West Caldwell Township

Pump Stations

Priority List Rank

547

County

Essex

Existing Population

11,233

Service Area

Township of West Caldwell

Need for Project

While currently operating normally with no support for the pumping controls and software any failure will result in the manual operation of this station and the need for an emergency contract to bring this facility back on line. The installation of the grinder in the wet well headworks will reduce if not eliminate the current matting problem and subsequent pump clogging significantly extending the working life of the submersible pumps and extending the scheduled maintenance intervals of the pumps.

Project Description

The Kirkpatrick Sanitary pumps stations located on Kirkpatrick Drive near the intersection of Bloomfield Avenue and Passaic Avenue initially constructed in 1958 was last rehabilitated in 1990 and conveys approximately 1.3 MGD. The station controls and software installed in 1990 are no longer supported by the company that installed them. The Township needs to upgrade these outdated controls and software. The existing submersible pumps are not as efficient as the newer pump designs are now approaching the end of their design life at 20 years old and obtaining replacement parts is becoming more difficult and costly. The pumps have been rebuilt to various degrees several times since the 1990 rehabilitation work. Recently there have been conditions in the wet wells where the solids have been matting and causing subsequent pump clogs. The Township seeks to install a Muffin Monster grinder at the station headworks to address this matting problem.

Anticipated Recipient:	Florham Park Borough		
Project No.:	S340703-05	Eligible Project Cost:	$1,396,910
Rank:	548		
County:	Morris	Total State Amount:	$1,396,910

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.011172
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.011172

Project Name, Number	Priority List Rank
Florham Park Borough S340703-05 Sanitary Sewer System Rehabilitation	548

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 II reduction program consisting of repair andor replacement to eliminate excessive quantities of II.

Anticipated Recipient:	Westwood Borough		
Project No.:	S340862-01	Eligible Project Cost:	$971,700
Rank:	549		
County:	Bergen	Total State Amount:	$971,700

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.010999
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.010999

Project Name, Number	Priority List Rank
Westwood Borough S340862-01 Sanitary Sewer System Rehabilitation	549

County

Bergen

Existing Population

10,999

Service Area

Borough of Westwood

Need for Project

The Bergen County Utilities Authority Infiltration Inflow (II) Analysis and Sewer System Evaluation Survey identified excessive II in this municipalitys sewer system.

Project Description

The excessive II will be removed by grouting slip lining and other minor rehabilitation methods.

Anticipated Recipient:	Little Falls Township		
Project No.:	S340716-04	Eligible Project Cost:	$2,183,362
Rank:	550		
County:	Passaic	Total State Amount:	$2,183,362

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.010855
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.010855

Project Name, Number	Priority List Rank
Little Falls Township S340716-04 Sanitary Sewer System Rehabilitation	550

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 Townships existing sewer system to eliminate the portion of the I/I that is excessive.

Anticipated Recipient:	River Edge Borough		
Project No.:	S340841-01	Eligible Project Cost:	$458,425
Rank:	551		
County:	Bergen	Total State Amount:	$458,425

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01064
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.01064

Project Name, Number	Priority List Rank
River Edge Borough S340841-01 Sanitary Sewer System Rehabilitation	551

County

Bergen

Existing Population

10,640

Service Area

Borough of River Edge

Need for Project

The Bergen County Utilities Authority InfiltrationInflow (II) Analysis and Sewer System Evaluation Survey identified excessive II in this municipalitys sewer system.

Project Description

The excessive II will be removed by grouting slip lining and other minor rehabilitation methods.

Anticipated Recipient:	Wanaque Valley Regional Sewer Authority		
Project No.:	S340780-02	Eligible Project Cost:	$1,567,310
Rank:	552		
County:	Passaic	Total State Amount:	$1,567,310

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01058
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.01058

Project Name, Number	Priority List Rank
Wanaque Valley Regional Sewer Authority S340780-02 Sanitary Sewer System Rehabilitation	552

County

Passaic

Existing Population

10,580

Service Area

Wanaque Borough

Need for Project

An InfiltrationInflow (II) analysis and Sewer System Evaluation Survey (SSES) have been completed which document the existence of excessive II within the service area (Haskell and Whistler Place).

Project Description

This proposed project will consist of II correction work to remove the excessive II 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.:	S340326-04	Eligible Project Cost:	$244,515
Rank:	553		
County:	Middlesex	Total State Amount:	$244,515

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0105
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0105

Project Name, Number	Priority List Rank
Sayreville Borough S340326-04 Sanitary Sewer System Rehabilitation	553

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 II correction for Sayrevilles existing system.

Anticipated Recipient:	Fairview Borough		
Project No.:	S340517-01	Eligible Project Cost:	$1,522,661
Rank:	554		
County:	Bergen	Total State Amount:	$1,522,661

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01034
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.01034

Project Name, Number	Priority List Rank
Fairview Borough S340517-01 Sanitary Sewer System Rehabilitation	554

County

Bergen

Existing Population

10,340

Service Area

Borough of Fairview

Need for Project

BCUA has completed an InfiltrationInflow (II) analysis and Sewer System Evaluation Survey which has identified excessive II within the Boroughs sewer system and proposed an II correction program to eliminate a portion of these extraneous II 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:	Pine Hill Municipal Utilities Authority		
Project No.:	S340274-05	Eligible Project Cost:	$1,286,028
Rank:	555		
County:	Camden	Total State Amount:	$1,286,028

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.010233
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.010233

Project Name, Number

Pine Hill Municipal Utilities Authority
S340274-05
Sanitary Sewer System Rehabilitation

Priority List Rank

555

County

Camden

Existing Population

10,233

Service Area

Most of the population of Pine Hill Borough has public sanitary sewer service with the exception of those located on Bramau Avenue, Bramau Court, New Freedom Road, Mohawk Avenue, and Weikel Avenue.

Need for Project

N/A

Project Description

This project will consist of two components. The first component is to update an existing aging pump station on Greenwood Avenue. The project includes the excavation and installation of a new wet well including all pumps controls and electrical panels and force main improvements. The proposed pump station will utilize submersible pumps. The existing pump station utilizes a drywell and pumps that are to be abandoned.The second component is the installation of a new force main connection from the Madison Avenue pump station to the recently installed Camden County Municipal Utilities Authority interceptor on Berlin-Cross Keys Road. The existing aging force main will be capped and abandoned.

Anticipated Recipient:	Keansburg Borough		
Project No.:	S340118-05	Eligible Project Cost:	$6,614,815
Rank:	556		
County:	Monmouth	Total State Amount:	$6,614,815

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.010105
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.010105

Project Name, Number	Priority List Rank
Keansburg Borough S340118-05 Sanitary Sewer System Rehabilitation	556

County

Monmouth

Existing Population

10,105

Service Area

Keansburg Borough

Need for Project

During Super Storm Sandy the Borough was inundated with misplaced debris and sand as a result of a dune breach. The famous Keansburg Boardwalk was all but destroyed and many homes in the low laying areas near the coast were left devastated. Because of this much of the utility easement within the ROW needed to be televised and repaired.

Project Description

The Sanitary Sewer Improvements would generally consist of Cleaning and Televising of the Boroughs sanitary sewer system in its entirety. There are 29 totals miles of sewer lines. From this investigation the Borough will be able to identify and group the town into critical areas varying in degree of need from requiring immediate repair andor replacement to in satisfactory condition.

Anticipated Recipient:	Keansburg Borough		
Project No.:	S340118-04	Eligible Project Cost:	$4,653,327
Rank:	556		
County:	Monmouth	Total State Amount:	$4,653,327

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.010105
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.010105

Project Name, Number	Priority List Rank
Keansburg Borough S340118-04 Sanitary Sewer System Rehabilitation	556

County

Monmouth

Existing Population

10,105

Service Area

Keansburg Borough

Need for Project

During Super Storm Sandy the Borough was inundated with misplaced debris and sand as a result of a dune breach. The famous Keansburg Boardwalk was all but destroyed and many homes in the low laying areas near the coast were left devastated. Because of this much of the utility easement within the ROW needed to be televised and repaired.

Project Description

The Sanitary Sewer Improvements would generally consist of Cleaning and Televising of the Boroughs sanitary sewer system and rehabilitation as necessary of failing pipe segments. There are 29 totals miles of sewer lines. From this investigation the Borough will be able to identify and group the town into critical areas varying in degree of need from requiring immediate repair andor replacement to in satisfactory condition.

Anticipated Recipient:	Little Ferry Borough		
Project No.:	S340425-01	Eligible Project Cost:	$4,915,537
Rank:	558		
County:	Bergen	Total State Amount:	$4,915,537

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0097
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0097

Project Name, Number	Priority List Rank
Little Ferry Borough S340425-01 Sanitary Sewer System Rehabilitation	558

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 infiltrationinflow (II). Rehabilitation of portions of the sanitary sewer system is necessary to remove the excessive II. 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:	Brigantine City		
Project No.:	S340827-04	Eligible Project Cost:	$3,014,413
Rank:	559		
County:	Atlantic	Total State Amount:	$3,014,413

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00945
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00945

Project Name, Number | **Priority List Rank**

Brigantine City
S340827-04 | 559
Decentralized Wastewater (or Septic) System Repair/Replacement

County

Atlantic

Existing Population

9,450

Service Area

Emergency Generators are planned for the following locations: 1. Southend Sewer Lift Station, Harbor Beach Boulevard & Ocean Dr. East 2. A Station Sewer Lift Station, 100 Bayshore Avenue 3. Jenkins Parkway Sewer Pump Station, Jenkins Parkway & 11th Street North 4. Potable Well #4, 4201 Bayshore Avenue 5. Potable Well 5. 217 14th Street South 6. Potable Well #7, 203 Vernon Place 7. Evans Boulevard Stormwater Lift Station, Harbor Beach Boulevard at Ocean Dr. East 8. Caverly Drive Stormwater Pump Station, Sheridan Boulevard at Caverly Drive 9. Lincoln Drive Stormwater Pump Station, Lincoln Drive at Caverly Drive 10. Police/Fire/Emergency Medical Services, 1417 West Brigantine Avenue 11. City Hall, 1417 W Brigantine Avenue

Need for Project

It is critical that stormwater, sewer and water services be maintained during natural hazards. By providing Emergency Generators for these services the systems will be operational during extended storm periods. Natural hazards can result in an emergency condition for many days due to lack of electricity and other factors, and these pumps must continue to operate. . The proposed emergency generators will help the City to provide continued environmental services during and after future natural disasters and during power outages.

Project Description

(Carryover SFY2015) - The City of Brigantine is served by three sanitary sewer lift stations three potable wells and two stormwater pumps which all require Emergency Generators.

Anticipated Recipient:	Audubon Borough		
Project No.:	S340309-01	Eligible Project Cost:	$1,094,976
Rank:	560		
County:	Camden	Total State Amount:	$1,094,976

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.009205
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.009205

Project Name, Number	Priority List Rank
Audubon Borough S340309-01 Sanitary Sewer System Rehabilitation	560

County

Camden

Existing Population

9,205

Service Area

Audubon Borough

Need for Project

This project is necessary to eliminate excessive infiltration inflow (II) within the service area.

Project Description

The proposed project will replace sanitary sewer mains and manholes that have lost their structural integrity andor contain severe sags. Other mains will be sliplined to reduce infiltrationinflow.

Anticipated Recipient:	Harrison Township		
Project No.:	S340362-04	Eligible Project Cost:	$2,054,490
Rank:	561		
County:	Gloucester	Total State Amount:	$2,054,490

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008788
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.008788

Project Name, Number	Priority List Rank
Harrison Township S340362-04 Sanitary Sewer System Rehabilitation	561

County

Gloucester

Existing Population

8,788

Service Area

Harrison Township

Need for Project

Sewers in Harrison Township are deteriorating and in need of replacement. A larger interceptor is needed to handle flows.

Project Description

The proposed project includes replacement of sewer mains and related repairs. A 14-inch interceptor will be replaced with an 18-inch one and approximately 8 manholes and 16 laterals will be replaced.

Anticipated Recipient:	Long Hill Township		
Project No.:	S340404-09	Eligible Project Cost:	$1,396,910
Rank:	562		
County:	Morris	Total State Amount:	$1,396,910

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008702
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.008702

Project Name, Number	Priority List Rank
Long Hill Township S340404-09 Sanitary Sewer System Rehabilitation	562

County

Morris

Existing Population

8,702

Service Area

The service area is consistent with the sewer service area identified in the Morris County Wastewater Management Plan. The sewer service area is shown in Figure 1 of the Planning Report and described in Section 3.3 of the Planning Report.

Need for Project

This project is needed to reduce peak flows to the wastewater treatment plant by removing infiltration and inflow from the sanitary sewer system, which will enhance operational reliability and protection of water quality.

Project Description

Phase 2 rehabilitation of a portion of Long Hill Townships sanitary sewer system.

Anticipated Recipient:	Northfield City		
Project No.:	S340508-01	Eligible Project Cost:	$270,000
Rank:	563		
County:	Atlantic	Total State Amount:	$270,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008624
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.008624

Project Name, Number

Northfield City
S340508-01
Sanitary Sewer System Rehabilitation

Priority List Rank

563

County

Atlantic

Existing Population

8,624

Service Area

The existing pump station is serving a large area within the City of Northfield, the current sewer flows area is generated by approximately 1,500,000 SF of commercial facilities and 956 homes at this time this station cant accommodate any additional flows. There is an approved multi family housing development that will add 256 homes to the demand; a portion of the multi housing development's units are designated to be affordable housing.

Need for Project

The pump station is running beyond its capacity, requires daily inspection to insure that it is functioning properly, this station was constructed more than 40 years ago with antiquated equipment and design. The major concern if the station should fail, it will be catastrophic for the residents and businesses in the area, and may affect the public safety and welfare of the residents and general public.

Project Description

The existing pump station is more than 40 years old consisting of a wet well and dry well, it is undersized based on the current flows, and no additional flows could be added at this time. We are proposing to rehab the existing station and eliminate the dry well and upgrade the wet well and eliminate any ground water intrusion; we will also replace the existing pumps with more efficient pumps.

Anticipated Recipient:	Northfield City		
Project No.:	S340508-02	Eligible Project Cost:	$541,559
Rank:	563		
County:	Atlantic	Total State Amount:	$541,559

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008624
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.008624

Project Name, Number

Northfield City
S340508-02
Equipment Purchase (Clean Water)

Priority List Rank

563

County

Atlantic

Existing Population

8,624

Service Area

Both pieces of equipment will be used throughout the entirety of the City of Northfield and will benefit all residents and businesses equally.

Need for Project

Currently the Municipality does not have the manpower to efficiently maintain the storm water and sanitary sewer systems with the available equipment, nor in a timely manner. This purchase will help the Municipality in maintaining the storm water and sanitary sewer systems more efficiently and preventing inflow and infiltration, and will ensure compliance with the the NJDEP's MSRP rules and regulations.

Project Description

The City of Northfield has more than 40 miles of municipal roadways. Under current conditions, the Public Works Department staff utilizes two pieces of equipment (water jetter and vacuum) plus two trucks and 4 employees to clean the storm water system, which requires approximately 32 man hours to clean approximately 500' of storm pipe. With the proposed purchase of a complete system it will take one piece of equipment and 8 man hours to perform the same task. the second piece of equipment named in the project will be used by the Sanitary Sewer Operations Department; we are proposing the purchase of a Sanitary Sewer Crawler Camera with attachment to help prevent and minimize infiltration and inflow (I&I), inspect and maintain the existing sanitary sewer system throughout the municipality and to insure that the sewage flows are not contaminating the shallow ground water.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Northfield City		
Project No.:	S340508-03	Eligible Project Cost:	$180,000
Rank:	563		
County:	Atlantic	Total State Amount:	$180,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008624
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.008624

Project Name, Number

Northfield City
S340508-03
Sanitary Sewer System Rehabilitation

Priority List Rank

563

County

Atlantic

Existing Population

8,624

Service Area

This will benefit all residents and businesses within the City of Northfield.

Need for Project

The asset management plan, will enable municipal officials to plan in a more cost effective manner and to anticipate future needs, including immediate remedial or preventive actions, to ensure that the needs of residents and businesses are met in the most cost effective way possible. Also this study will help in preventing any system failure or ground water contamination.

Project Description

The Municipality is in need of a comprehensive Sanitary Sewer Asset Management Plan which will serve to evaluate the existing system, which includes gravity sewer pipes, pump stations and force-mains. This study will enable municipal officials to plan in a more cost effective manner and to anticipate future needs, including remedial or preventive actions, to ensure that the needs of residents and businesses are met in the most cost effective way possible.

Anticipated Recipient:	Oradell Borough		
Project No.:	S340835-04	Eligible Project Cost:	$1,136,488
Rank:	566		
County:	Bergen	Total State Amount:	$1,136,488

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00847
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00847

Project Name, Number	Priority List Rank
Oradell Borough S340835-04 Sanitary Sewer System Rehabilitation	566

County

Bergen

Existing Population

8,470

Service Area

The entire borough.

Need for Project

The project is the final phase to minimize inflow and infiltration into the system.

Project Description

This project is Phase 4 of a multiphase project. It includes the replacement of 435 linear feet of sanitary sewer pipe and 3290 linear feet of sewer lining.

Anticipated Recipient:	Runnemede Borough		
Project No.:	S340363-06	Eligible Project Cost:	$1,553,702
Rank:	567		
County:	Camden	Total State Amount:	$1,553,702

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008468
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.008468

Project Name, Number	Priority List Rank
Runnemede Borough S340363-06 Sanitary Sewer System Rehabilitation	567

County

Camden

Existing Population

8,468

Service Area

Service area for project is Runnemede Borough, Camden County

Need for Project

Slip lining needed to improve sanitary sewer conveyance at various locations within the Borough. Sanitary sewer rehabilitation needed to replace to pier supported cast iron sanitary conveyance line.

Project Description

Runnemede Borough is seeking funds for sanitary sewer slip lining at various locations within the Borough and for replacing the cast iron sewer main entering Pump Station E with ductile iron pipe and to replace pipe supports.

Anticipated Recipient:	North Haledon Borough		
Project No.:	S340229-02	Eligible Project Cost:	$100,000
Rank:	568		
County:	Passaic	Total State Amount:	$100,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008417
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.008417

Project Name, Number	Priority List Rank
North Haledon Borough S340229-02 Sanitary Sewer System Rehabilitation	568

County

Passaic

Existing Population

8,417

Service Area

The Service Area is the entire municipality

Need for Project

The Borough will evaluate the entire sanitary sewer and stormwater system.

Project Description

Planning and design loan for Small System Asset Management for the sanitary sewer and stormwater systems.

Anticipated Recipient:	Ocean Township		
Project No.:	S340112-07	Eligible Project Cost:	$2,290,548
Rank:	569		
County:	Ocean	Total State Amount:	$2,290,548

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008332
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.008332

Project Name, Number	Priority List Rank
Ocean Township S340112-07 Sanitary Sewer System Rehabilitation	569

County

Ocean

Existing Population

8,332

Service Area

Service area for the Utility is the majority of Ocean Township east of the Garden State Parkway and the northeastern corner of the Township of Barnegat. The project will service the southeastern section of Ocean Township.

Need for Project

The existing infrastructure is ACP pipe that is old and deteriorating. Several blockages and leaks have occurred causing sewage backups. Failure of the main could potentially cause a spill that due to its proximity to Barnegat Bay watershed would have an adverse impact.

Project Description

Replacement of approximately 6000 LF of existing sanitary sewer main as well as 1600 LF of drainage improvements along Maplewood Road Teaneck Road Englewood Avenue Dune Lane Stillwater Road and Harborage Place.

Anticipated Recipient:	Carneys Point Sewerage Authority		
Project No.:	S340502-08	Eligible Project Cost:	$1,057,203
Rank:	570		
County:	Salem	Total State Amount:	$1,057,203

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008049
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.008049

Project Name, Number	Priority List Rank
Carneys Point Sewerage Authority S340502-08 Sanitary Sewer System Rehabilitation	570

County

Salem

Existing Population

8,049

Service Area

CPTSA sewer service area serves approximately 2,123 residences and 134 businesses within Carneys Point Township and Oldmans Township. At an average rate of 2.58 persons per household (U.S. Census Bureau 2012-2016), the estimated residential population served by CPTSA is 5,477 people. The Lafayette pump station serves approximately 100 residences within its capture area. Using the average rate of 2.58 persons per household, the proposed work will serve approximately 258 people. Please refer to the sewer service map in the reports and maps section for further details.

Need for Project

This project is being undertaken in order to protect and enhance existing sanitary sewer infrastructure within the CPTSA service area. Failing to maintain current infrastructure will only serve to increase the risk of future service interruption. The reconstruction of existing sanitary sewer infrastructure will serve to protect local water quality from disturbances related to failure of the existing pump station or sanitary sewer collection mains. Overall the proposed work will enable CPTSA to keep the sanitary sewer infrastructure in good operating condition and to facilitate its continuing efforts to provide sanitary sewer service for its residents, businesses, and industry. The Lafayette pump station is reaching the end of its service life cycle and the proposed project is necessary to maintain uninterrupted sanitary sewer service to the residents. This project could also be considered a green project since it will eliminate the electric and fuel usage of the pump station.

Project Description

This project is being completed to eliminate the need for an existing sanitary sewer lift station on Lafayette Road in Carneys Point Township. New sanitary sewer gravity mains will be constructed in order to redirect sanitary sewer flow downstream and allow the demolition and removal of an existing pumping station. We have estimated that removal of the pumping station will eliminate approximately $950,000 in electricity, labor, maintenance & repairs over a 50 year period.

Anticipated Recipient:	Bogota Borough		
Project No.:	S340914-01	Eligible Project Cost:	$3,094,238
Rank:	571		
County:	Bergen	Total State Amount:	$3,094,238

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00802
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00802

Project Name, Number	Priority List Rank
Bogota Borough S340914-01 Sanitary Sewer System Rehabilitation	571

County

Bergen

Existing Population

8,020

Service Area

Borough of Bogota

Need for Project

The sewer project will reduce infiltrationinflow into the existing aged system.

Project Description

The prposed project includes Borough wide rehabilitation of the existing sanitary sewer system. The project would include pipe and manhole lining spot repairs and pipe replacement as needed testing and sealing of failing joints and root treatment.

Anticipated Recipient:	North Haledon Borough		
Project No.:	S340229-01	Eligible Project Cost:	$1,021,028
Rank:	572		
County:	Passaic	Total State Amount:	$1,021,028

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00792
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00792

Project Name, Number

North Haledon Borough
S340229-01
Sanitary Sewer System Rehabilitation

Priority List Rank

572

County

Passaic

Existing Population

7,920

Service Area

Borough of North Haledon

Need for Project

The project is needed to continue to provide adequate pumpage of sanitary sewer effluent to the Passiac Valley Sewerage Authority treatment plant. The repairs to the concrete holding tank and walkways will help to ensure that leakage of sanitary sewerage is not permeated into the soil from existing cracks in the structure as well as ensure a safe working environment for sewer department personnel. The mechanical equipment replacement represents a move towards more efficient state-of-the-art equipment as well as replacement of current inoperable equipment. Finally the roof replacement represents an investment in protecting the existing and proposed replacement equipment within the existing pump station structure as well as providing a safe comfortable work location for the sewer department personnel.

Project Description

The Molly Ann Pump Station rehabilitation project consists of both structural repairs to the pump station building and reinforced concrete holding tanks as well as mechanical replacement of outdated and inoperable equipment. Specifically the project includes structural concrete crack repair to Holding Tank 3 and the catwalks and access landings to Holding Tank Nos 1-4 as well as the replacement of the original rubberized roof of the pump station building. In addition the project entails the replacement of the existing aerator units located in Holding Tank Nos 1-4 which have become inoperable and are in need of replacement. The project also includes the replacement of the three (3) existing vertical pumps with dry well submersible type due to advancements in technology and efficiency. All three new pump installations will be controlled by updated variable frequency drives (VFD).

Anticipated Recipient:	Carneys Point Township		
Project No.:	S340502-07	Eligible Project Cost:	$604,874
Rank:	573		
County:	Salem	Total State Amount:	$604,874

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007684
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.007684

Project Name, Number	Priority List Rank
Carneys Point Township S340502-07 Sanitary Sewer System Rehabilitation	573

County

Salem

Existing Population

7,684

Service Area

Carneys Point Township

Need for Project

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

Project Description

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

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Montvale Borough		
Project No.:	S340846-01	Eligible Project Cost:	$104,753
Rank:	574		
County:	Bergen	Total State Amount:	$104,753

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00753
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00753

Project Name, Number	Priority List Rank
Montvale Borough S340846-01 Sanitary Sewer System Rehabilitation	574

County

Bergen

Existing Population

7,530

Service Area

Borough of Montvale

Need for Project

The Bergen County Utilities Authority InfiltrationInflow (II) Analysis and Sewer System Evaluation Survey identified excessive II in this municipalitys sewer system.

Project Description

The excessive II will be removed by grouting slip lining and other minor rehabilitation methods.

Anticipated Recipient:	Glen Ridge Borough		
Project No.:	S340861-04	Eligible Project Cost:	$1,856,145
Rank:	575		
County:	Essex	Total State Amount:	$1,856,145

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007527
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.007527

Project Name, Number	Priority List Rank
Glen Ridge Borough S340861-04 Sanitary Sewer System Rehabilitation	575

County

Essex

Existing Population

7,527

Service Area

The proposed project is located within the public right-of-ways of Glen Ridge Borough along various local and county roads. The project area consists of residential and commercial properties.

Need for Project

Portions of the existing collection system are deteriorated and subject to inflow and infiltration resulting in admission of groundwater to the system and loss of sewage to the environment. Specific areas have been identified as the target area for the collection system rehabilitation program. These areas have been selected due to the high frequency of repairs, high maintenance requirements and observed infiltration and inflow in the system.

Project Description

The Borough of Glen Ridge will evaluate and rehabilitate approximately 22,000 LF of sanitary sewer through a phased project approach dependent upon received building costs. Associated manholes will be rehabilitated as well to eliminate any potential hazards and water intrusion into the system. Portions of the existing collection system are deteriorated and subject to inflow and infiltration resulting in admission of groundwater to the system and loss of sewage to the environment. The Borough plans to repair the affected sewers to safely convey wastewater through the sewers to the regional wastewater treatment facility. As such, in addition to the rehabilitation and additional rehabilitation evaluations design phase of this project a significant portion of the planning efforts represent the creation and preparation of an AMP and implementation thereof. The Borough is interested to pursue the Principle Forgiveness that is available for small systems to cover the costs for the AMP.

Anticipated Recipient:	Glen Ridge Borough		
Project No.:	S340861-03	Eligible Project Cost:	$445,849
Rank:	575		
County:	Essex	Total State Amount:	$445,849

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007527
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.007527

Project Name, Number	Priority List Rank
Glen Ridge Borough S340861-03 Equipment Purchase (Clean Water)	575

County

Essex

Existing Population

7,527

Service Area

Entire limit of Glen Ridge Borough

Need for Project

Maintenance of sewer lines for proper collection of sewage at treatment plant

Project Description

Purchase Sewer Cleaning Vacuum Truck

Anticipated Recipient:	Haddon Heights Borough		
Project No.:	S340877-02	Eligible Project Cost:	$100,000
Rank:	577		
County:	Camden	Total State Amount:	$100,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007473
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.007473

Project Name, Number	Priority List Rank
Haddon Heights Borough S340877-02 Sanitary Sewer System Rehabilitation	577

County

Camden

Existing Population

7,473

Service Area

Municipal Boundary of the Borough of Haddon Heights, Camden County (1.574 Square Miles)

Need for Project

To promote the responsible maintenance, investment, and rehabilitation of the Borough of Haddon Heights Sanitary Sewer System by preparing an Asset Management Plan in accordance with NJDEP's Best Practices.

Project Description

Preparation of an Asset Management Plan for the Borough's Sanitary Sewer System

Anticipated Recipient:	Haddon Heights Borough		
Project No.:	S340877-03	Eligible Project Cost:	$953,580
Rank:	577		
County:	Camden	Total State Amount:	$953,580

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007473
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.007473

Project Name, Number	Priority List Rank
Haddon Heights Borough S340877-03 Sanitary Sewer System Rehabilitation	577

County

Camden

Existing Population

7,473

Service Area

The municipal boundaries of the Borough of Haddon Heights

Need for Project

Rehabilitation of existing Borough Sanitary Sewer Pump Stations

Project Description

Rehabilitation of Maple Avenue, Cedar Avenue and Lake Street Sanitary Sewer Pump Stations

Anticipated Recipient:	Haddon Heights Borough		
Project No.:	S340877-04	Eligible Project Cost:	$2,052,912
Rank:	577		
County:	Camden	Total State Amount:	$2,052,912

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007473
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.007473

Project Name, Number	Priority List Rank
Haddon Heights Borough S340877-04 Sanitary Sewer System Rehabilitation	577

County

Camden

Existing Population

7,473

Service Area

Municipal boundaries of the Borough of Haddon Heights

Need for Project

Rehabilitation of existing Borough sanitary sewer mains and inflow/infiltration reduction

Project Description

Rehabilitation of existing Borough sanitary sewer mains and inflow/infiltration reduction

Anticipated Recipient:	Haddon Heights Borough		
Project No.:	S340877-05	Eligible Project Cost:	$4,974,434
Rank:	577		
County:	Camden	Total State Amount:	$4,974,434

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007473
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.007473

Project Name, Number	Priority List Rank
Haddon Heights Borough S340877-05 Sanitary Sewer System Rehabilitation	577

County

Camden

Existing Population

7,473

Service Area

Municipal Boundaries of the Borough of Haddon Heights

Need for Project

Replacement of existing Borough Sanitary Sewer Mains/Service Laterals and Inflow/Infiltration Reduction

Project Description

Replacement of existing Borough Sanitary Sewer Mains/Service Laterals and Inflow/Infiltration Reduction

Anticipated Recipient:	Haddon Heights Borough		
Project No.:	S340877-01	Eligible Project Cost:	$1,364,098
Rank:	577		
County:	Camden	Total State Amount:	$1,364,098

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007473
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.007473

Project Name, Number	Priority List Rank
Haddon Heights Borough S340877-01 Sanitary Sewer System Rehabilitation	577

County

Camden

Existing Population

7,473

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:	Emerson Borough		
Project No.:	S340497-01	Eligible Project Cost:	$100,000
Rank:	582		
County:	Bergen	Total State Amount:	$100,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007401
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.007401

Project Name, Number	Priority List Rank
Emerson Borough S340497-01 Sanitary Sewer System Rehabilitation	582

County

Bergen

Existing Population

7,401

Service Area

The service area is the entire borough.

Need for Project

The Borough will evaluate the entire sanitary and storm systems.

Project Description

Planning and design loan for Small System Asset Management for the sanitary sewer and stormwater systems.

Anticipated Recipient:	Barrington Borough		
Project No.:	S340305-02	Eligible Project Cost:	$1,396,910
Rank:	583		
County:	Camden	Total State Amount:	$1,396,910

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007084
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.007084

Project Name, Number	Priority List Rank
Barrington Borough S340305-02 Sanitary Sewer System Rehabilitation	583

County

Camden

Existing Population

7,084

Service Area

Borough of Barrington

Need for Project

The Borough of Barringtons 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 includes the replacement and slip lining of sanitary sewer mains in the Old Gardens section of the Barrington Borough. The project also includes the abandonment of the Willows Pump Station.

Anticipated Recipient:	Bernardsville Borough		
Project No.:	S340816-03	Eligible Project Cost:	$1,135,113
Rank:	584		
County:	Somerset	Total State Amount:	$1,135,113

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00668
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00668

Project Name, Number	Priority List Rank
Bernardsville Borough S340816-03 Sanitary Sewer System Rehabilitation	584

County

Somerset

Existing Population

6,680

Service Area

Borough of Bernardsville

Need for Project

Based on an infiltrationinflow 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. Il correction in accordance with the recommendations of the SSES will follow.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Dunellen Borough		
Project No.:	S340916-01	Eligible Project Cost:	$7,234,505
Rank:	585		
County:	Middlesex	Total State Amount:	$7,234,505

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00652
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00652

Project Name, Number	Priority List Rank
Dunellen Borough S340916-01 Sanitary Sewer System Rehabilitation	585

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 Boroughs pump station upgrading and sealing manholes and televising and clean remaining system.

Anticipated Recipient:	Jamesburg Borough		
Project No.:	S340224-01	Eligible Project Cost:	$1,117,248
Rank:	586		
County:	Middlesex	Total State Amount:	$1,117,248

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.006025
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.006025

Project Name, Number	Priority List Rank
Jamesburg Borough S340224-01 Sanitary Sewer System Rehabilitation	586

County

Middlesex

Existing Population

6,025

Service Area

Borough of Jamesburg

Need for Project

The project will address infiltration problems in the Borough. The sewers identified are within or adjacent to the flood plain or flood hazard areas.

Project Description

The proposed project includes inspection and relining of existing sanitary sewers. The project will also include rehabilitation of manholes installation of manhole inserts and retrofit of manhole covers with non-penetrating covers.

Anticipated Recipient:	Union Beach Borough		
Project No.:	S340278-01	Eligible Project Cost:	$2,317,315
Rank:	587		
County:	Monmouth	Total State Amount:	$2,317,315

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.006
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.006

Project Name, Number

Union Beach Borough
S340278-01
Sanitary Sewer System Rehabilitation

Priority List Rank

587

County

Monmouth

Existing Population

6,000

Service Area

Borough of Union Beach

Need for Project

The Boroughs sanitary sewer system is constantly inundated by groundwater and surface flooding due to its proximity to the shore. The Boroughs 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 andor replacement of troubled sewer lines which are identified in the Boroughs II study.

Anticipated Recipient:	Prospect Park Borough		
Project No.:	S340186-01	Eligible Project Cost:	$708,917
Rank:	588		
County:	Passaic	Total State Amount:	$708,917

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005779
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.005779

Project Name, Number	Priority List Rank
Prospect Park Borough S340186-01 Sanitary Sewer System Rehabilitation	588

County

Passaic

Existing Population

5,779

Service Area

Borough of Prospect Park

Need for Project

The sanitary sewer replacement and rehabilitation is necessary to reduce infiltration and inflow and to minimize the chance of failure in the system.

Project Description

This project consists of the installation of 800 l.f. of 8 sanitary sewer main from the last manhole on Stryck Ave. to the restrooms at the Borough owned Hofstra Park. It also consists of purchasing a JetVacuum Truck. The project also consists of televising and clearing of numerous sections of sanitary sewer piping of various diameter throughout that Borough limits and then identifying on the deficient areas for point repairs in kind replacement and trenchless lining

Anticipated Recipient:	Lopatcong Township		
Project No.:	S340264-02	Eligible Project Cost:	$3,340,073
Rank:	589		
County:	Warren	Total State Amount:	$3,340,073

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005765
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.005765

Project Name, Number

Lopatcong Township
S340264-02
Sanitary Sewer System Rehabilitation

Priority List Rank

589

County

Warren

Existing Population

5,765

Service Area

Lopatcong Township

Need for Project

The southern portion of the Townships 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:	North Arlington-Lyndhurst Joint Meeting		
Project No.:	S340426-06	Eligible Project Cost:	$218,940
Rank:	590		
County:	Bergen	Total State Amount:	$218,940

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00559
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00559

Project Name, Number	Priority List Rank
North Arlington-Lyndhurst Joint Meeting S340426-06 Sanitary Sewer System Rehabilitation	590

County

Bergen

Existing Population

5,590

Service Area

Portions of the Borough of North Arlington

Need for Project

The Joint Meeting has conducted an InfiltrationInflow (II) analysis and concluded that excessive II 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 II correction program to reduce the excessive II flows.

Project Description

This proposed project will consist of an II correction program to remove a portion of the excessive II 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:	North Arlington-Lyndhurst Joint Meeting		
Project No.:	S340426-05	Eligible Project Cost:	$4,688,749
Rank:	590		
County:	Bergen	Total State Amount:	$4,688,749

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00559
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00559

Project Name, Number	Priority List Rank
North Arlington-Lyndhurst Joint Meeting S340426-05 Sanitary Sewer System Rehabilitation	590

County

Bergen

Existing Population

5,590

Service Area

Borough of Lyndhurst

Need for Project

The Joint Meeting has conducted an InfiltrationInflow (II) analysis and concluded that excessive II 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 II correction program to reduce the excessive II flows.

Project Description

This proposed project will consist of an II correction program to remove a portion of the excessive II 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.:	S340310-01	Eligible Project Cost:	$2,255,626
Rank:	592		
County:	Bergen	Total State Amount:	$2,255,626

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005587
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.005587

Project Name, Number

Rochelle Park Township
S340310-01
Sanitary Sewer System Rehabilitation

Priority List Rank

592

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 Townships main pump station to a Bergen County UA interceptor. The existing line will be abandoned in place. The Townships 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:	Somerdale Borough		
Project No.:	S340338-04	Eligible Project Cost:	$444,422
Rank:	593		
County:	Camden	Total State Amount:	$444,422

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00544
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00544

Project Name, Number	Priority List Rank
Somerdale Borough S340338-04 Sanitary Sewer System Rehabilitation	593

County

Camden

Existing Population

5,440

Service Area

Borough of Somerdale

Need for Project

The Borough has evaluated several sections of its sanitary sewer system and determined the system experiences excessive infiltrationinflow.

Project Description

The proposed project involves a sewer repair/replacement program and various improvements to manholes and other deteriorated sections of sewer main.

Anticipated Recipient:	Spring Lake Heights Borough		
Project No.:	S340840-01	Eligible Project Cost:	$163,328
Rank:	594		
County:	Monmouth	Total State Amount:	$163,328

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00537
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00537

Project Name, Number

Spring Lake Heights Borough
S340840-01
Sanitary Sewer System Rehabilitation

Priority List Rank

594

County

Monmouth

Existing Population

5,370

Service Area

Borough of Spring Lake Heights

Need for Project

Excessive infiltrationinflow has been discovered in the Boroughs 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 II.

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:	Morris Plains Borough		
Project No.:	S340330-01	Eligible Project Cost:	$479,390
Rank:	595		
County:	Morris	Total State Amount:	$479,390

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005236
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.005236

Project Name, Number	Priority List Rank
Morris Plains Borough S340330-01 Pump Stations	595

County

Morris

Existing Population

5,236

Service Area

Borough of Morris Plains

Need for Project

The Boroughs 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.:	S340106-02	Eligible Project Cost:	$430,399
Rank:	596		
County:	Monmouth	Total State Amount:	$430,399

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005218
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.005218

Project Name, Number	Priority List Rank
Neptune City Borough S340106-02 Sanitary Sewer System Rehabilitation	596

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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Highlands Borough		
Project No.:	S340901-01	Eligible Project Cost:	$877,696
Rank:	597		
County:	Monmouth	Total State Amount:	$877,696

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00519
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00519

Project Name, Number

Highlands Borough
S340901-01
Sanitary Sewer System Rehabilitation

Priority List Rank

597

County

Monmouth

Existing Population

5,190

Service Area

Highlands Borough

Need for Project

Sewer rehabilitation is necessary to correct excessive II. The current flow is equal to the amount designated for the year 2000. The completion of the work in the II report will reduce the infiltration and the additional charges for pumping and treatment.

Project Description

II correction utilizing standard sewer rehabilitation methods. A minor portion of the work in the II report is complete and thus is ineligible for federal participation.

Anticipated Recipient:	Franklin Borough		
Project No.:	S340129-01	Eligible Project Cost:	$2,718,518
Rank:	598		
County:	Sussex	Total State Amount:	$2,718,518

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00516
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00516

Project Name, Number	Priority List Rank
Franklin Borough S340129-01 Pump Stations	598

County

Sussex

Existing Population

5,160

Service Area

Borough of Franklin

Need for Project

An existing pump station in Franklin must be upgraded to operate during 100 year flood conditions to meet future demands and to improve operation and ease maintenance.

Project Description

The project includes improvements to the Route 23 pump station.

Anticipated Recipient:	Mount Arlington Borough		
Project No.:	S340451-05	Eligible Project Cost:	$212,785
Rank:	599		
County:	Morris	Total State Amount:	$212,785

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00505
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00505

Project Name, Number	Priority List Rank
Mount Arlington Borough S340451-05 Sanitary Sewer System Rehabilitation	599

County

Morris

Existing Population

5,050

Service Area

Wastewater collection systems and pump stations within the boundaries of Mount Arlington Borough

Need for Project

To protect and enhance the water quality of Lake Hopatcong and the other surface and ground waters within or directly adjacent to Mount Arlington Borough.

Project Description

The Borough of Mount Arlington is seeking development of an Asset Management Plan in order to make sound decisions on future infrastructure improvements to their sewer system. The purpose of the plan will be to develop an inventory of asset ownership, identify needs, project life cycle of assets, and develop a sustainable spending plan for reinvestment into the Boroughs sewer system infrastructure to continue to provide the high level of uninterrupted service to the Borough's residents.

Anticipated Recipient:	Highlands Borough		
Project No.:	S340901-02	Eligible Project Cost:	$147,540
Rank:	600		
County:	Monmouth	Total State Amount:	$147,540

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005005
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.005005

Project Name, Number	Priority List Rank
Highlands Borough S340901-02 Sanitary Sewer System Rehabilitation	600

County

Monmouth

Existing Population

5,005

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:	Highlands Borough		
Project No.:	S340901-05	Eligible Project Cost:	$5,411,863
Rank:	600		
County:	Monmouth	Total State Amount:	$5,411,863

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005005
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.005005

Project Name, Number	Priority List Rank
Highlands Borough S340901-05 Sanitary Sewer System Rehabilitation	600

County

Monmouth

Existing Population

5,005

Service Area

This project will serve residents of Highlands Boro in the central business district, community center public beach, and nearby residential areas. Areas to see benefit include Linden Ave, Bay Ave, Waterwich Ave, and all upstream residential roadways in addition to beachgoers at Snug Harbor Beach.

Need for Project

The project aims to reduce infiltration and inflow issues with the existing sanitary sewer system within Bay Avenue. Current I & I levels overburden the sewer system resulting in overflow of contaminated water into the streets. This contaminated water flows into the stormwater conveyance system that discharges into Jones Creek, creating an unsafe swimming condition further downstream at the Sung Harbor Beach at the Borough Community Center. Replacement of the sanitary sewer system is expected to reduce infiltration and inflow, thereby keeping the sanitary sewer system within capacity and eliminating contaminated water in the stormwater system and swimming areas.

Project Description

The existing sanitary sewer system within Waterwich Ave, Linden Ave, Bay Ave, and the surrounding residential area is vitrified clay and has deteriorated and is overburdened due to infiltration and inflow. This project aims to eliminate I&I in this system removal of existing deteriorated clay sanitary sewer main and replacement with PVC sanitary sewer

Anticipated Recipient:	Penns Grove Borough		
Project No.:	S340502-05	Eligible Project Cost:	$1,122,734
Rank:	602		
County:	Salem	Total State Amount:	$1,122,734

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.004886
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.004886

Project Name, Number	Priority List Rank
Penns Grove Borough S340502-05 Sanitary Sewer System Rehabilitation	602

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 (II) within the service area.

Project Description

The proposed project will replace sanitary sewer mains and manholes that have lost their structural integrity andor contain severe sags. Other mains will be sliplined or replaced.

Anticipated Recipient:	Roseland Borough		
Project No.:	S340361-01	Eligible Project Cost:	$123,712
Rank:	603		
County:	Essex	Total State Amount:	$123,712

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00485
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00485

Project Name, Number

Roseland Borough
S340361-01
Sanitary Sewer System Rehabilitation

Priority List Rank

603

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 inflowinfiltration 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 8000 linear feet of sanitary sewer.

Anticipated Recipient:	Harrison Township		
Project No.:	S340362-01	Eligible Project Cost:	$3,125,171
Rank:	604		
County:	Gloucester	Total State Amount:	$3,125,171

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00472
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00472

Project Name, Number	Priority List Rank
Harrison Township S340362-01 Sanitary Sewer System Rehabilitation	604

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 andor 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:	Buena Borough Municipal Utilities Authority		
Project No.:	S340518-06	Eligible Project Cost:	$1,298,000
Rank:	605		
County:	Atlantic	Total State Amount:	$1,298,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.004603
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.004603

Project Name, Number	Priority List Rank
Buena Borough Municipal Utilities Authority S340518-06 Sanitary Sewer System Rehabilitation	605

County

Atlantic

Existing Population

4,603

Service Area

The project area includes 229 Wheat Road (Pump Station #1), 145 Wheat Road (Pump Station #2), and 421 Plymouth Road (Pump Station #3 and Wastewater Treatment Plant Grit System) in Buena Borough. All sites are on cleared grass lots owned by the Borough. The project will service the entire area of Buena Borough.

Need for Project

Due to aging components of the existing grit chamber, pump stations and pump station sites, improvements and upgrades are necessary to maintain operations and to continue operating within the New Jersey Pollutant Discharge Elimination System permit requirements. The added flow meters will be helpful to identify and quantify extraneous flows.

Project Description

This project consists of the planning, design and construction of various improvements to sanitary sewer pump stations 1, 2 and 3, including structural, mechanical and electrical component upgrades at each pump station; the installation of flow meters at each pump station; grit removal system upgrades at pump station 1; and all work and materials necessary therefor or incidental thereto.. Pump replacements with premium efficiency motors will result in energy savings.

Anticipated Recipient:	Sayreville Borough		
Project No.:	S340326-07	Eligible Project Cost:	$7,049,396
Rank:	606		
County:	Middlesex	Total State Amount:	$7,049,396

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00443
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00443

Project Name, Number	Priority List Rank
Sayreville Borough S340326-07 Sanitary Sewer System Rehabilitation	606

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 Authoritys 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:	Bradley Beach Borough		
Project No.:	S340472-01	Eligible Project Cost:	$2,623,450
Rank:	607		
County:	Monmouth	Total State Amount:	$2,623,450

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.004298
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.004298

Project Name, Number

Bradley Beach Borough
S340472-01
Sanitary Sewer System Rehabilitation

Priority List Rank

607

County

Monmouth

Existing Population

4,298

Service Area

Sanitary improvements are proposed along Evergreen, Monmouth, Burlington, Pacific, Madison Avenues including portion of Bradley Boulevard. Stormwater improvements will include all 10 outfall into Sylvan Lake at the following intersections with Bradley Boulevard: Main Street, Pacific Avenue, Atlantic Avenue, Madison Avenue and Monmouth Avenue.

Need for Project

The Borough of Bradley Beach is requesting funding through the New Jersey Environmental Infrastructure Trust Finance Program (Trust) Clean Water State Revolving Fund for the State Fiscal Year 2016 loan program to improve its aged stormwater and sanitary infrastructure.

Project Description

The Borough is currently operating an aged sewer collection system and stormwater system constructed in the early 1900's. It is the Borough's desire to rehabilitate their infrastructure systems over time as funding is available. It is the intent of this application to address about 15% of the sanitary sewer system and approximately 90% of the stormwater infrastructure system to Sylvan Lake. This infrastructure rehabilitation project will address the sanitary sewer system as follows: - 9,500 linear feet of 8 inch diameter vitrified clay sewer mains with 8 inch diameter PVC mains. - Replace 34 brick manholes with precast concrete manholes - Replace 280, 4 inch diameter, sanitary sewer laterals with 4 inch diameter PVC laterals

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Flemington Borough		
Project No.:	S340440-04	Eligible Project Cost:	$1,645,877
Rank:	608		
County:	Hunterdon	Total State Amount:	$1,645,877

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0042
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0042

Project Name, Number	Priority List Rank
Flemington Borough S340440-04 Sanitary Sewer System Rehabilitation	608

County

Hunterdon

Existing Population

4,200

Service Area

Borough of Flemington

Need for Project

The Boroughs 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 infiltrationinflow correction program including relining of pipes and removal of stormwater connections.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Medford Lakes Borough		
Project No.:	S340319-01	Eligible Project Cost:	$289,789
Rank:	609		
County:	Burlington	Total State Amount:	$289,789

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.004173
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.004173

Project Name, Number	Priority List Rank
Medford Lakes Borough S340319-01 Sanitary Sewer System Rehabilitation	609

County

Burlington

Existing Population

4,173

Service Area

Borough of Medford Lakes

Need for Project

The Boroughs 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:	Medford Lakes Borough		
Project No.:	S340319-03	Eligible Project Cost:	$10,610,800
Rank:	610		
County:	Burlington	Total State Amount:	$10,610,800

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.004146
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.004146

Project Name, Number	Priority List Rank
Medford Lakes Borough S340319-03 Sanitary Sewer System Rehabilitation	610

County

Burlington

Existing Population

4,146

Service Area

The Borough provides sanitary sewer service to residents within the Medford Lakes Borough municipal boundary limits, as well as, parts of Medford Township, including the Medford Pines area and along Stokes Road, Chippingwood Court and Medford Lakes Road.

Need for Project

The proposed work is necessary to rehabilitate the existing deteriorating collection system located throughout the Boroughs Sewer Service Area. The existing system was originally constructed in the 1930s and last upgraded in the 1960s and 1970s. The rehabilitation and repair work proposed will minimize blockages and eliminate potential sewage spills in order to assure proper functioning of the system and minimize impact to adjacent environmentally sensitive areas including surrounding groundwater and adjacent water bodies.

Project Description

The Borough proposes to rehabilitate and repair its existing sanitary sewage collection system located throughout its service area. Work proposed includes lining of 110,000 lineal feet (LF) of sewer pipe; repair and/or replacement of 5,000 LF of sewer pipe; interior lining of approximately 500 manholes; repair and/or replacement of 20 manholes and testing and sealing of approximately 1,350 lateral connections.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Delaware Township Municipal Utilities Authority		
Project No.:	S340917-02	Eligible Project Cost:	$430,399
Rank:	611		
County:	Hunterdon	Total State Amount:	$430,399

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00398
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00398

Project Name, Number	Priority List Rank
Delaware Township Municipal Utilities Authority S340917-02 Sanitary Sewer System Rehabilitation	611

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 10000 linear feet of sewer line. In addition cracks will be grouted and any collapsed or obstructed lines repaired.

Anticipated Recipient:	Mendham Borough		
Project No.:	S340159-03	Eligible Project Cost:	$3,154,960
Rank:	612		
County:	Morris	Total State Amount:	$3,154,960

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003915
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.003915

Project Name, Number	Priority List Rank
Mendham Borough S340159-03 Sanitary Sewer System Rehabilitation	612

County

Morris

Existing Population

3,915

Service Area

The Mendham Boro Water Reclamation Facility (WRF) and associated sanitary sewer system services the majority of the northern portion of the Borough of Mendham.

Need for Project

CCTV & Sanitary Sewer Rehabilitation - The Borough's WRF has recently experienced I/I related flow variations that have caused the WRF to exceed its permitted capacity. This condition has led the NJDEP to notify the Borough that the WRF has reached 90% of permitted capacity triggering the Capacity Assurance Program regulation requirements. The Capacity Assurance Plan provided to the NJDEP identified how flows would be reduced to alleviate capacity concerns. The plan indicated the Borough was in the planning stages of implementing a CCTV program to identify piping defects in the collection system that could be contributing excessive flow to the WRF. The CCTV and associated rehabilitation are the implementation of that project. WRF Improvements - the various improvements proposed at the WRF are to replace existing equipment that has reached the end of its useful life or to alleviate operational concerns at the plant. This is necessary to maintain operational compliance at the WRF

Project Description

The Borough of Mendham is currently planning to perform closed circuit television (CCTV) inspection to identify areas of I/I and defects within the sewer system. Based on the results of the CCTV work, a collection system rehabilitation project will be designed and bid to repair all identified defects in the collection system.

Anticipated Recipient:	Lambertville Municipal Utilities Authority		
Project No.:	S340882-08	Eligible Project Cost:	$11,620,000
Rank:	613		
County:	Hunterdon	Total State Amount:	$11,620,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003906
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.003906

Project Name, Number	Priority List Rank
Lambertville Municipal Utilities Authority S340882-08 Sanitary Sewer System Rehabilitation	613

County

Hunterdon

Existing Population

3,906

Service Area

The Lambertville Municipal Utilities Authority (LMUA) Wastewater Management Plan (WMP) Planning Area includes portions of the following Hunterdon County municipalities: City of Lambertville Borough of Stockton Pursuant to an Agreement dated July 19, 1965 (amended August 4, 1980 and January 5, 1982, and July 6, 1995), the LMUA also provides service to the BCW&SA which is wholly contained in the State of Pennsylvania.

Need for Project

Water quality will be improved as a result of this project because potential sanitary sewer overflows or discharges will be minimized or eliminated through the use of new flood controls.

Project Description

Construction of new floodwall across the mouth of Swan Creek with floodgates built into the wall. The gates would be designed to be normally open to pass flows from Swan Creek and flows from the Canal spillway, and would close during Delaware River flood events preventing River flood waters from backing into the City via Swan Creek. A stormwater pump station would be constructed to convey residual stormwater flow from Swan Creek into the Delaware River when the gates are closed, while discharges from the Canal would be routed directly to the River. Also, the relocation of LMUA's Swan Street Pumping Station Force Main under the D&R Canal will involve installation of a new sewage force main via microtunneling from a point adjacent to the Swan Creek PS to a point where the new sewage force main will be reconnected to the existing sewage force main located to the south of the proposed floodgate structure. The existing Swan Street Pumping Station force main would be abandoned in place.

Anticipated Recipient:	Lambertville Municipal Utilities Authority		
Project No.:	S340882-10	Eligible Project Cost:	$621,500
Rank:	613		
County:	Hunterdon	Total State Amount:	$621,500

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003906
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.003906

Project Name, Number	Priority List Rank
Lambertville Municipal Utilities Authority S340882-10 Sanitary Sewer System Rehabilitation	613

County

Hunterdon

Existing Population

3,906

Service Area

The Lambertville Municipal Utilities Authority (LMUA) Wastewater Management Plan (WMP) Planning Area includes portions of the following Hunterdon County municipalities: City of Lambertville Borough of Stockton Pursuant to an Agreement dated July 19, 1965 (amended August 4, 1980 and January 5, 1982, and July 6, 1995), the LMUA also provides service to the BCW&SA which is wholly contained in the State of Pennsylvania.

Need for Project

Water quality will be improved as a result of this project because potential sanitary sewer discharges will be minimized or eliminated through the replacement of existing sanitary sewers that are damaged and at the end of their useful life.

Project Description

Rehabilitation via cured-in-place lining approximately 1,450 linear feet of existing 8" VCP sanitary sewers in North Union Street between Delevan Street and York Street and in Swan Street between South Union Street and Route 179.

Anticipated Recipient:	Merchantville Borough		
Project No.:	S340367-03	Eligible Project Cost:	$805,887
Rank:	615		
County:	Camden	Total State Amount:	$805,887

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003821
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.003821

Project Name, Number	Priority List Rank
Merchantville Borough S340367-03 Sanitary Sewer System Rehabilitation	615

County

Camden

Existing Population

3,821

Service Area

Borough of Merchantville

Need for Project

The existing sanitary sewers are in need of replacementrepair because of brokencollapsed pipes failed pipe joints and major root intrusion and will minimize infiltration and pipe collapses.

Project Description

The proposed project includes the rehabilitation of existing sanitary sewer lines and manholes.

Anticipated Recipient:	High Bridge Borough		
Project No.:	S340842-01	Eligible Project Cost:	$233,167
Rank:	616		
County:	Hunterdon	Total State Amount:	$233,167

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00377
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00377

Project Name, Number	Priority List Rank
High Bridge Borough S340842-01 Sanitary Sewer System Rehabilitation	616

County

Hunterdon

Existing Population

3,770

Service Area

Borough of High Bridge

Need for Project

The Borough of High Bridge suspects excessive InfiltrationInflow quantities to be present in their municipal sewerage system.

Project Description

Pending study by the Borough the excessive II is proposed to be removed by grouting manhole replacement and other minor rehabilitation methods.

Anticipated Recipient:	Stanhope Borough		
Project No.:	S340504-02	Eligible Project Cost:	$254,421
Rank:	617		
County:	Sussex	Total State Amount:	$254,421

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0037
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0037

Project Name, Number	Priority List Rank
Stanhope Borough S340504-02 Sanitary Sewer System Rehabilitation	617

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 excess infiltrationinflow exists.

Project Description

Rehabilitation of sanitary manholes and individual sanitary laterals for Musconetcong Avenue Spring Lane and Lake Street and reline a portion of a 16-inch transite sewer main along the lake.

Anticipated Recipient:	Pohatcong Township		
Project No.:	S340109-01	Eligible Project Cost:	$706,449
Rank:	618		
County:	Warren	Total State Amount:	$706,449

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003416
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.003416

Project Name, Number	Priority List Rank
Pohatcong Township S340109-01 Sanitary Sewer System Rehabilitation	618

County

Warren

Existing Population

3,416

Service Area

Pohatcong Township

Need for Project

The Townships sanitary sewer system is subject to inflow and infiltration causing sewage to back up in the collection system.

Project Description

The proposed project includes cleaning and lining of approximately 10400 L.F. of existing pipe removing and replacing approximately 600 L.F. of exiting pipe grouting and sealing 40 manholes and cleanouts and replacing or repairing 20 leaking sevice connections.

Anticipated Recipient:	Hamburg Borough		
Project No.:	S340149-03	Eligible Project Cost:	$85,000
Rank:	619		
County:	Sussex	Total State Amount:	$85,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003277
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.003277

Project Name, Number

Hamburg Borough
S340149-03
Sanitary Sewer System Rehabilitation

Priority List Rank

619

County

Sussex

Existing Population

3,277

Service Area

The Hamburg Sewer Department provides sanitary sewer service in the Borough of Hamburg. The customers are primarily residential except for municipal facilities, schools and businesses. The sanitary sewer system serves the entire Borough, which is a population of approximately 3,200 people.

Need for Project

Wastewater system Asset Management Plans are important for municipalities to drive the inspection, maintenance, repair of and renewal of their infrastructure consistent with regulatory standards. The Asset Management Plan will fully document the overall condition and operation of the wastewater system and identify the priority and budgetary costs of future capital investments. The Asset Management Plan will evaluate the physical, demographic, renewal (replacement or rehabilitation), regulatory, operational efficiency, safety, and security planning drivers to identify capital investment needs into the future (15 years).

Project Description

The Borough of Hamburg wishes to create and implement a Sanitary Sewer System Asset Management Plan through funding available from the (CW) Asset Management Plan Development; for Small CW Systems; populations <10,000. The Borough owns, operates and maintains a sanitary sewerage distribution system which benefits approximately 3,000 residents through approximately 1,000 connections. The Borough's sanitary sewer system consists of transmission mains, force mains, lateral connections, and pumping stations. The Borough wishes to report upon sound fundamentals in the planning, operation, maintenance, and reinvestment of its sanitary sewer system to assure a reliable sanitary sewer system to its customers and potential customers. The Borough proposes to proceed with the following program at this time: 1. Preparation of a Sanitary Sewer System Asset Management Plan 2. Condition assessment of collection system (via flow metering & inspection) 3. Geographic Information System (GIS) Update

Anticipated Recipient:	Delanco Sewerage Authority		
Project No.:	S340956-02	Eligible Project Cost:	$1,854,848
Rank:	620		
County:	Burlington	Total State Amount:	$1,854,848

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003237
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.003237

Project Name, Number

Delanco Sewerage Authority
S340956-02
Sanitary Sewer System Rehabilitation

Priority List Rank

620

County

Burlington

Existing Population

3,237

Service Area

Delanco Township

Need for Project

The Boroughs 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 0of 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:	Long Beach Township		
Project No.:	S340023-06	Eligible Project Cost:	$3,524,481
Rank:	621		
County:	Ocean	Total State Amount:	$3,524,481

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003051
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.003051

Project Name, Number

Long Beach Township
S340023-06
Sanitary Sewer System Rehabilitation

Priority List Rank

621

County

Ocean

Existing Population

3,051

Service Area

Various streets throughout Long Beach Township

Need for Project

Television inspections of the sanitary sewer pipe are being performed for large sections of the waste water system to identify most critical areas. Previously submitted sewer runs were found to have large groundwater infiltrations, breaks, and excessive deterioration.

Project Description

The proposed project includes the removal and replacement (in-kind) of sewer mains with approximately 10000 to 13000 feet of new 8 10 and 12 PVC SDR 26 sanitary sewer mains as well as the replacement of existing sanitary manholes services and cleanouts.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Long Beach Township		
Project No.:	S340023-07	Eligible Project Cost:	$4,486,000
Rank:	621		
County:	Ocean	Total State Amount:	$4,486,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003051
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.003051

Project Name, Number	Priority List Rank
Long Beach Township S340023-07 Sanitary Sewer System Rehabilitation	621

County

Ocean

Existing Population

3,051

Service Area

Brant Beach Section of Long Beach Township between Ship Bottom and Beach Haven

Need for Project

Sanitary sewer pipes are deteriorated and cracking allowing for significant volumes of groundwater infiltration into the sewer conveyance system. This also allows sewer pipes to leak into the surrounding soil and water table. Therefore, old and deteriorating pipes should be replaced with PVC pipe.

Project Description

Remove and replace 12,000 LF of existing sanitary sewer mains, manholes. services and clean outs with the Brant Beach section of Long Beach Township

Anticipated Recipient:	Long Beach Township		
Project No.:	S340023-08	Eligible Project Cost:	$120,001
Rank:	621		
County:	Ocean	Total State Amount:	$120,001

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003051
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.003051

Project Name, Number	Priority List Rank
Long Beach Township S340023-08 Sanitary Sewer System Rehabilitation	621

County

Ocean

Existing Population

3,051

Service Area

Entire Municipality

Need for Project

Asset Management Plan only

Project Description

Complete an Asset Management Plan for the Township Sanitary Sewer System

Anticipated Recipient:	Woodbury Heights Borough		
Project No.:	S340257-02	Eligible Project Cost:	$1,841,186
Rank:	624		
County:	Gloucester	Total State Amount:	$1,841,186

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.002988
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.002988

Project Name, Number	Priority List Rank
Woodbury Heights Borough S340257-02 Sanitary Sewer System Rehabilitation	624

County

Gloucester

Existing Population

2,988

Service Area

Borough of Woodbury Heights

Need for Project

The Boroughs 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 infiltrationinflow correction program in conjunction with the replacementrehabilitation of sections of the sewer system.

Anticipated Recipient:	Sea Isle City		
Project No.:	S340659-01	Eligible Project Cost:	$667,397
Rank:	625		
County:	Cape May	Total State Amount:	$667,397

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00295
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00295

Project Name, Number	Priority List Rank
Sea Isle City S340659-01 Sanitary Sewer System Rehabilitation	625

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 infiltrationinflow (II) as documented in a sewer system evaluation survey.

Project Description

The proposed rehabilitation tasks include cleaning and inspection repair andor replacement of damaged or deteriorated sewer pipes and manholes.

Anticipated Recipient:	Moonachie Borough		
Project No.:	S340970-02	Eligible Project Cost:	$332,158
Rank:	626		
County:	Bergen	Total State Amount:	$332,158

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00279
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00279

Project Name, Number	Priority List Rank
Moonachie Borough S340970-02 Sanitary Sewer System Rehabilitation	626

County

Bergen

Existing Population

2,790

Service Area

Borough of Moonachie

Need for Project

An InfiltrationInflow study conducted by the Bergen County Utilities Authority identified Meter Area 146 (Moonachie Avenue Pumping Station) as requiring sewer rehabilitation.

Project Description

The proposed project includes the televised inspection and repair of sewers which are the source of extraneous flow.

Anticipated Recipient:	Woodlynne Borough		
Project No.:	S340849-01	Eligible Project Cost:	$4,264,056
Rank:	627		
County:	Camden	Total State Amount:	$4,264,056

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00258
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00258

Project Name, Number	Priority List Rank
Woodlynne Borough S340849-01 Sanitary Sewer System Rehabilitation	627

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 infiltrationinflow (II) 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:	Alpha Borough		
Project No.:	S340324-01	Eligible Project Cost:	$639,645
Rank:	628		
County:	Warren	Total State Amount:	$639,645

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.002482
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.002482

Project Name, Number	Priority List Rank
Alpha Borough S340324-01 Sanitary Sewer System Rehabilitation	628

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 Boroughs 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.:	S340335-01	Eligible Project Cost:	$3,973,856
Rank:	629		
County:	Monmouth	Total State Amount:	$3,973,856

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00235
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00235

Project Name, Number	Priority List Rank
Avon By The Sea Borough S340335-01 Sanitary Sewer System Rehabilitation	629

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 sleevinglining 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:	Lavallette Borough		
Project No.:	S340966-03	Eligible Project Cost:	$2,526,304
Rank:	630		
County:	Ocean	Total State Amount:	$2,526,304

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0023
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0023

Project Name, Number	Priority List Rank
Lavallette Borough S340966-03 Sanitary Sewer System Rehabilitation	630

County

Ocean

Existing Population

2,300

Service Area

Borough of Lavallette

Need for Project

The project is needed to effectively limit infiltrationinflow 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:	Lavallette Borough		
Project No.:	S340966-02	Eligible Project Cost:	$430,399
Rank:	631		
County:	Ocean	Total State Amount:	$430,399

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00229
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00229

Project Name, Number

Lavallette Borough
S340966-02
Sanitary Sewer System Rehabilitation

Priority List Rank

631

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:	Borough of Wenonah		
Project No.:	S340531-01	Eligible Project Cost:	$1,330,000
Rank:	632		
County:	Gloucester	Total State Amount:	$1,330,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.002278
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.002278

Project Name, Number

Borough of Wenonah
S340531-01
Sanitary Sewer System Rehabilitation

Priority List Rank

632

County

Gloucester

Existing Population

2,278

Service Area

The Borough of Wenonah Department of Public Works operates and maintains five (5) small public sanitary sewer lift stations and 14.22 miles of main which serves 822 connections and approximately 2,278 people. No treatment is performed within this community and all sewerage is conveyed Gloucester County Sewerage Authority. The Borough plans for the repair deteriorated sewers to assure that wastewater is safely conveyed through the sewers to each respective regional wastewater treatment facility. The proposed project is located within the public right-of-ways of Wenonah Borough in addition to Borough-owned land.

Need for Project

Portions of the existing collection system are deteriorated and subject to inflow and infiltration resulting in admission of groundwater to the system and loss of sewage to the environment. Specific areas will be identified as the target area for the collection system rehabilitation program. These areas will be identified in the asset management plan due to high frequency of repairs, high maintenance requirements and observed infiltration and inflow in the system. The Borough is interested to pursue the Principle Forgiveness that is available for small systems to cover the costs for the AMP.

Project Description

The Borough of Wenonah Department of Public Works operates and maintains five (5) small public sanitary sewer lift stations and 14.22 miles of main. Portions of the existing collection systems are deteriorated and subject to inflow and infiltration (I&I) resulting in loss of sewage to the environment and admission of groundwater and stormwater to the system. The Borough plans for the repair of deteriorated sewers to assure that wastewater is safely conveyed through the sewers to each respective regional wastewater treatment facility. Additionally, the Borough anticipates replacing outdated lift stations. As such, in addition to the rehabilitation, a significant portion of the planning efforts represent the creation and preparation of an Asset Management Plan (AMP) which the Borough is seeking PF Grant monies to complete.

Anticipated Recipient:	Weymouth Township Municipal Utilities Authority		
Project No.:	S340713-02	Eligible Project Cost:	$570,013
Rank:	633		
County:	Atlantic	Total State Amount:	$570,013

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.002257
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.002257

Project Name, Number	Priority List Rank
Weymouth Township Municipal Utilities Authority S340713-02 Sanitary Sewer System Rehabilitation	633

County

Atlantic

Existing Population

2,257

Service Area

Weymouth Township

Need for Project

The Townships 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:	Sussex Borough		
Project No.:	S340155-02	Eligible Project Cost:	$522,000
Rank:	634		
County:	Sussex	Total State Amount:	$522,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00213
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00213

Project Name, Number	Priority List Rank
Sussex Borough S340155-02 Sanitary Sewer System Rehabilitation	634

County

Sussex

Existing Population

2,130

Service Area

The sewer force main sections to be repaired are 1,600 feet from station 16 to station 32 along the Sussex County MUA driveway, 200 feet from station 129 to station 131 along NJ State Highway Rt. 23, and 400 feet from station 268 to station 172 along NJ State Highway Rt. 23. Maps of the locations are provided in the attachments section.

Need for Project

The Sewer Force Main project does not involve any changes to the water quality-based need of the system.

Project Description

Sussex Borough can be described as a small mixed use community, both in terms of population and size. The Borough, which consists of .62 square miles, is located in the northeast quadrant of Sussex County New Jersey. With a population of 2,300 people and a median income of $42,375, Sussex Borough is considered to be a small sewer system with low to moderate income residents. There are 3 force main locations that require constant repairs. They are 1) Along the Sussex County MUA Driveway, 2) Along NJ State Highway Rt. 23, and 3) A Second Location Along NJ State Highway Rt. 23. Maps of the 3 areas are in the attachment section. The purpose of this project is to permanently repair the force mains, reduce maintenance costs, and keep the system fully operational. The total project cost is $400,000.

Anticipated Recipient:	Peapack Gladstone Borough		
Project No.:	S340822-01	Eligible Project Cost:	$125,409
Rank:	635		
County:	Somerset	Total State Amount:	$125,409

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00212
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00212

Project Name, Number	Priority List Rank
Peapack Gladstone Borough S340822-01 Sanitary Sewer System Rehabilitation	635

County

Somerset

Existing Population

2,120

Service Area

Entire Borough of Peapack-Gladstone

Need for Project

The existing sewer system has excessive II. Rehabilitation is necessary to remove excessive II and to extend the useful life of the sewer system.

Project Description

The Borough has completed a TV & grouting program to reduce infil- tration. 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:	Wyckoff Township		
Project No.:	S340738-03	Eligible Project Cost:	$14,494,384
Rank:	636		
County:	Bergen	Total State Amount:	$14,494,384

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	0
			Population	0.0019
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0019

Project Name, Number	Priority List Rank
Wyckoff Township S340738-03 Sanitary Sewer System Rehabilitation	636

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 septics 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 71600 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:	Allentown Borough		
Project No.:	S340567-04	Eligible Project Cost:	$570,013
Rank:	637		
County:	Monmouth	Total State Amount:	$570,013

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001882
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.001882

Project Name, Number	Priority List Rank
Allentown Borough S340567-04 Sanitary Sewer System Rehabilitation	637

County

Monmouth

Existing Population

1,882

Service Area

Borough of Allentown

Need for Project

The Boroughs 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. Allentowns wastewater treatment plant needs upgrades and replacement of deteriorated outdated equipment to improve removal efficancy 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 infiltrationinflow correction program in conjunction with the replacementrehabilitation 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.:	S340412-08	Eligible Project Cost:	$1,259,960
Rank:	638		
County:	Monmouth	Total State Amount:	$1,259,960

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00185
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00185

Project Name, Number	Priority List Rank
Deal Borough S340412-08 Sanitary Sewer System Rehabilitation	638

County

Monmouth

Existing Population

1,850

Service Area

Borough of Deal

Need for Project

The InfiltrationInflow (II) analysis of the collection system indicates that the city sewerage system has excessive II which can be removed cost-effectively.

Project Description

The proposed project will be for an InfiltrationInflow correction program to eliminate excessive II from the sewerage system.

Anticipated Recipient:	Island Heights Borough		
Project No.:	S340176-01	Eligible Project Cost:	$392,454
Rank:	639		
County:	Ocean	Total State Amount:	$392,454

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001751
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.001751

Project Name, Number	Priority List Rank
Island Heights Borough S340176-01 Pump Stations	639

County

Ocean

Existing Population

1,751

Service Area

Borough of Island Heights

Need for Project

The renovation of a pump station is required due to the age of the pump station and the existing design. The existing pump stations are experiencing pumping equipment electrical and control failures.

Project Description

The proposed project includes pump and control replacement and electrical upgrades.

Anticipated Recipient:	Island Heights Borough		
Project No.:	S340176-02	Eligible Project Cost:	$102,348
Rank:	639		
County:	Ocean	Total State Amount:	$102,348

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001751
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.001751

Project Name, Number

Island Heights Borough
S340176-02
Pump Stations

Priority List Rank

639

County

Ocean

Existing Population

1,751

Service Area

Borough of Island Heights

Need for Project

The Borough of Island Heights provides sewage collection throughout the Borough. The sewage collection system is comprised of numerous small pump stations. The West End Avenue Pump Station (No. 2) must be renovated to meet the existing wastewater flow demands.

Project Description

This project is a continuation of Island Heights ongoing pump station renovation projects. Pump Station 2 - the West End Avenue Pump Station - is experiencing pumping equipment electrical and control failures requiring extensive maintenance by Borough Public Works personnel to keep operational and to prevent sewage backups and overflows. The project consists of pump and control replacement and electrical upgrades. The Borough is built out and the pump station renovations are for existing conditions and not to expand the service area.

Anticipated Recipient:	Seaside Park Borough		
Project No.:	S340083-04	Eligible Project Cost:	$3,960,000
Rank:	641		
County:	Ocean	Total State Amount:	$3,960,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001579
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.001579

Project Name, Number	Priority List Rank
Seaside Park Borough S340083-04 Sanitary Sewer System Rehabilitation	641

County

Ocean

Existing Population

1,579

Service Area

The portion of the sanitary sewer system that the Borough of Seaside Park owns and operates is comparable to other towns in Ocean County. The owner of the sanitary sewer system is responsible for the conveyance of waste to a connection point with the Ocean County Utilities Authority (OCUA). The Borough owned sanitary system consists of gravity lines that ultimately feed into sanitary sewer mains owned and maintained by OCUA. The Borough owns, operates and maintains a sanitary sewer collection system that presently has approximately 1998 service connections

Need for Project

Seaside Park had multiple pipe collapses in the past 10 years, and emergency repairs were required to fix them. The material and age of the ACP/PVC pipes requires cautious working skill to avoid further damage when repairs are made. The collapse of the mains cause sewer blockages and backups of the main that could expose the resident to raw sewage. The area is in a flood zone and in close proximity to open waterways that feed the Barnegat Bay. The water table is high in the project limits which makes the failing sanitary system more susceptible to water infiltration into the system.

Project Description

Seaside Park Phase III A Sanitary Sewer Replacement will be a Phased Sanitary Sewer Replacement Project. This phase will consist of the replacement in kind of a failing sanitary sewer system consisting of approximately 9,400 linear feet of PVC Sanitary Sewer. The project will include the construction of new sanitary sewer manholes, pvc sanitary pipe, and new laterals with clean-outs. This project is located in a flood hazard area which encounters high water tables and is subject to high levels of water infiltration. The sanitary sewer main has reached its useful life and has been repaired in several locations under emergency work.

Anticipated Recipient:	Bay Head Borough		
Project No.:	S340590-02	Eligible Project Cost:	$2,230,279
Rank:	642		
County:	Ocean	Total State Amount:	$2,230,279

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00134
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00134

Project Name, Number

Bay Head Borough
S340590-02
Sanitary Sewer System Rehabilitation

Priority List Rank

642

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 infiltrationinflow to the existing sanitary sewers. During wet weather the infiltrationinflow to the system peaks at 0.8 mgd. It is cost effective to perform II 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 15281 linear feet and smoke testing of 29005 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 II correction of the remaining lines with excessive infiltrationinflow grouting of 17 leaking manholes and utilizing manhole inserts to eliminate inflow in 47 manholes. The II correction program will remove extraneous flow from this sewer system.

Anticipated Recipient:	Ship Bottom Borough		
Project No.:	S340311-05	Eligible Project Cost:	$4,558,386
Rank:	643		
County:	Ocean	Total State Amount:	$4,558,386

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001156
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.001156

Project Name, Number

Ship Bottom Borough
S340311-05
Sanitary Sewer System Rehabilitation

Priority List Rank

643

County

Ocean

Existing Population

1,156

Service Area

8th and 9th Streets and streets immediately surrounding

Need for Project

Sanitary sewer pipes are deteriorated and cracking allpwing for significant volumes of groundwater infiltration into the sewer conveyance system. This also allows sewer pipes to leak into the surrounding soil and water table. Therefore old and deteriorating pipes shall be replaced with PVC pipe.

Project Description

Removal and replacement of approx 6580 LF of existing sanititary sewer pipe with 8-inch PVC SDR 26 sanitary sewer pipe, Removal and replacement of approx 1327 LF of existing sanitary sewer pipe with 10-inch PVC SDR 26 sanitary sewer pipe, Removal and replacement of approx 545 LF of existing sanitary sewer pipe with 12-inch PVC SDR 26 sanitary sewer pipe, Removal and replacement of approx 805 LF of existing sanitary sewer pipe with 15-inch PVC SDR 26 sanitary sewer pipe and removal and replacement of approx. 2187 LF of lateral wyes and connect to exist lateral, removal and replacement of approx. 36 sanitary manholes, removal and replacement of approx. 11,070 SY of initial State/County pavement restoration, removal and replacement of approximately 14,743 SY of Final State/County pavement restoration and all required fittings, dewatering, restriping, traffic control and disturbed landscaping areas.

Anticipated Recipient:	Ship Bottom Borough		
Project No.:	S340311-03	Eligible Project Cost:	$3,760,000
Rank:	643		
County:	Ocean	Total State Amount:	$3,760,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001156
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.001156

Project Name, Number	Priority List Rank
Ship Bottom Borough S340311-03 Sanitary Sewer System Rehabilitation	643

County

Ocean

Existing Population

1,156

Service Area

Various streets within the Borough of Ship Bottom east and west of Long Beach Blvd.

Need for Project

Sanitary sewer pipes are deteriorated and cracking allowing for significant volumes of groundwater infiltration into the sewer conveyance system. This also allows sewer pipes to leak into the surrounding soil and water table. Therefore, old and deteriorating pipes should be replaced with PVC pipe.

Project Description

Remove and replace 10,000 LF of existing sanitary sewer mains, manholes. services and clean outs with the Borough of Ship Bottom in various streets east and west of Long Beach Blvd.

Anticipated Recipient:	Lebanon Borough Sewer Authority		
Project No.:	S340509-02	Eligible Project Cost:	$207,090
Rank:	645		
County:	Hunterdon	Total State Amount:	$207,090

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001065
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.001065

Project Name, Number	Priority List Rank
Lebanon Borough Sewer Authority S340509-02 Sanitary Sewer System Rehabilitation	645

County

Hunterdon

Existing Population

1,065

Service Area

Lebanon Borough

Need for Project

Reduction in inflow and infiltration during precipitation events larger than a 2-year frequency and or during seasonal high groundwater elevations experienced from January to April each year. Reduced flows to Readington Lebanon Sewerage Authority Treatment plant.

Project Description

Over a 3 to 5 year period work on the entire LBSA sewer system to reduce infiltration and inflow issues that currently average about 35000 gpd in a system limited to 240000 gpd flow. Similar work in 1997 to 2000 provided for a recapture of over 30000 gpd. Work first to identify the sources of inflow and infiltration and then program a series of bids to respond to the most critical areas first and then to areas with lesser impact.

Anticipated Recipient:	Mansfield Township		
Project No.:	S340935-02	Eligible Project Cost:	$147,540
Rank:	646		
County:	Warren	Total State Amount:	$147,540

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.001

Project Name, Number
Mansfield Township
S340935-02
Sanitary Sewer System Rehabilitation

Priority List Rank
646

County

Warren

Existing Population

1,000

Service Area

Diamond Hill Development

Need for Project

The treatment plant is inundated during heavy rainfall.

Project Description

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

Anticipated Recipient:	Roosevelt Borough		
Project No.:	S340761-02	Eligible Project Cost:	$1,522,661
Rank:	647		
County:	Monmouth	Total State Amount:	$1,522,661

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00085
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00085

Project Name, Number	Priority List Rank
Roosevelt Borough S340761-02 Sanitary Sewer System Rehabilitation	647

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 II. Replacement of the existing sewers will eliminate a portion of excessive II in approximately 22000 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:	Fieldsboro Borough		
Project No.:	S340522-01	Eligible Project Cost:	$110,150
Rank:	648		
County:	Burlington	Total State Amount:	$110,150

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00054
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00054

Project Name, Number	Priority List Rank
Fieldsboro Borough S340522-01 Sanitary Sewer System Rehabilitation	648

County

Burlington

Existing Population

540

Service Area

The project service area is the Borough of Fieldsboro, which is located in Burlington County, New Jersey, is a 0.269 square mile town along the Delaware River, and it shares its borders with Bordentown Township.

Need for Project

An Asset Management Plan is needed in order to create a comprehensive inventory of the system assets, evaluate their condition and prioritize and plan for projects in order to repair, maintain and improve the system to meet level of service goals. This process is essential for sustaining adequate sewer and stormwater systems and service for residents of Fieldsboro. In addition, planning appropriately and prioritizing projects may prevent costly emergency repairs and potential environmental hazards, including raw sewerage leaks.

Project Description

The scope of work will initially include the development of an Asset Management Plan for the Sanitary Sewer and Stormwater Systems for the Borough of Fieldsboro (Fieldsboro) The proposed Scope of Service includes five US EPA Asset Management components, including the work associated to complete each: 1. Asset Inventory/Mapping and Condition Assessment (Current GIS Contract); 2. Level of Service Goals; 3. Criticality/Prioritization - Risk Assessment; 4. Life Cycle Costing; and 5. Long Term Funding Strategy. A subsequent capital construction project is anticipated to include improvements to the sanitary sewer system.

Anticipated Recipient:	Willingboro Municipal Utilities Authority		
Project No.:	S340132-10	Eligible Project Cost:	$0
Rank:	649		
County:	Burlington	Total State Amount:	$0

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	400

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.031629
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	415.031629

Project Name, Number	Priority List Rank
Willingboro Municipal Utilities Authority S340132-10 Sludge Treatment/Disposal Facilities	649

County

Burlington

Existing Population

31,629

Service Area

The Authority sewer system serves Willingboro and Edgewater Park and Westampton. The Authority water system serves Willingboro and Westampton Township, Mt. Laurel Township and Eveshame (via Mt. Laurel).

Need for Project

To be determined after energy efficiency plan developed.

Project Description

Development of energy efficiency plan (a/k/a Energy Savings Improvement plan) and then implementation.of plan for various clean water and drinking water projects. Investment grade energy audit underway. From this audit, energy savings plan will be prepared and submitted to BPU and independent 3rd party for verification. Expected projects include cogen improvements, solar facility re-commissioning, water meter change outs and addition of advanced meter infrastructure, and sludge drying facility improvements,

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-45	Eligible Project Cost:	$1,324,808
Rank:	650		
County:	Essex	Total State Amount:	$1,324,808

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	1.513259
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	401.513259

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-45 Sewage Treatment Plant (STP) - Improvement/Upgrade	650

County

Essex

Existing Population

1,513,259

Service Area

PVSC serves 48 municipalities in parts of Bergen, Essex, Hudson, Passaic and Union Counties.

Need for Project

PVSC is a regional wastewater treatment plant that accepts non-hazardous liquid wastes by truck, barge and ships. PVSC utilizes its sludge storage tanks to accept municipal wastes by barge and ship for treatment. The tanks are in need of repairs and improvements in order to maintain their integrity and operate properly.

Project Description

The project includes improvements and rehabilitation of PVSC's Sludge Storage Tanks #1 and #2. The work includes,but is not necessarily limited to, recoating and repairing the interior of the tanks, removing the existing lead paint on the exterior of the tanks, recoating them, pump and well improvements and performing miscellaneous structural repairs. The project also includes the installation of new piping, valving and/or pumping as necessary to provide additional connections and process flexibility.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-46	Eligible Project Cost:	$1,936,731
Rank:	650		
County:	Essex	Total State Amount:	$1,936,731

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	1.513259
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	401.513259

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-46 Sewage Treatment Plant (STP) - Improvement/Upgrade	650

County

Essex

Existing Population

1,513,259

Service Area

PVSC serves 48 municipalities in portions of Bergen, Hudson, Essex, Union and Passaic Counties.

Need for Project

PVSC must rehabilitate the Decant Facility to maintain its ability to treat its biosolids.

Project Description

The project includes the design for the rehabilitation and improvements to the PVSC Decant Facility, consisting of, but not necessarily limited to, structural repairs, concrete repairs, improvements to the HVAC, electrical and control systems. Repair and/or replacement of the sludge rake mechanisms, sludge flocculation baffles and tank covers. Improvements to the yard lighting and piping as well as improvements to the regenerative after burners utilized for odor control.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-27	Eligible Project Cost:	$14,713,119
Rank:	652		
County:	Essex	Total State Amount:	$14,713,119

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	1.35
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	401.35

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-27 Sludge Treatment/Disposal Facilities	652

County

Essex

Existing Population

1,350,000

Service Area

Parts of Bergen Essex Hudson and Passaic Counties

Need for Project

The project is to repair damage to PVSC sludge heat treatment facility which was flooded due to Superstorm Sandy. The sludge heat treatment facility is a necessary process in PVSCs treatment facilities.

Project Description

Repairs and rehabilitation to PVSCs Sludge Heat Treatment Facility.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-06	Eligible Project Cost:	$63,223,700
Rank:	652		
County:	Essex	Total State Amount:	$63,223,700

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	1.35
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	401.35

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-06 Sludge Treatment/Disposal Facilities	652

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:	Passaic Valley Sewerage Commission		
Project No.:	S340683-05	Eligible Project Cost:	$132,505,940
Rank:	652		
County:	Essex	Total State Amount:	$132,505,940

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	1.35
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	401.35

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340683-05 Sludge Treatment/Disposal Facilities	652

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 945000 dry poundsday 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 Departments White Paper on Beneficial Use of Sewage Sludge issued in November 1990.

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340902-17	Eligible Project Cost:	$9,784,160
Rank:	655		
County:	Gloucester	Total State Amount:	$9,784,160

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	400

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.288288
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	400.288288

Project Name, Number	Priority List Rank
Gloucester County Utilities Authority S340902-17 Sludge Treatment/Disposal Facilities	655

County

Gloucester

Existing Population

288,288

Service Area

Northern Areas of Gloucester County - Clayton Borough, Deptford Township, East Greenwich Township, Elk Township, Glassboro Borough, Mantua Township, Monroe Township, National Park Borough, Paulsboro Borough, Pitman Borough, Washington Township, Wenonah Borough, West Deptford Township, Westville Borough, Woodbury City and Woodbury Heights Borough.

Need for Project

Installation of a sludge drying system for the dewatering of digested solids from the anaerobic digesters. The anaerobic digesters coupled with the proposed sludge drying system will take the place of Incinerator Nos. 1 and 2. With implementation of this process and through the use of combined heat and power, the GCUA anticipates being within 20% of net zero energy status.

Project Description

This project consists of the installation of a sludge drying system for the dewatering of digested solids from the anaerobic digesters. The proposed system will be utilized for a reduction in sludge weight and produce a Class A bio-solid, which will allow for beneficial-reuse as daily landfill cover. The anaerobic digesters and the proposed sludge drying system will take the place of Incinerator Nos. 1 and 2. Through the implementation of these processes and through the use of combined heat and power, the GCUA anticipates operating within 20% of net zero energy status.

Anticipated Recipient:	Camden City		
Project No.:	S340366-02	Eligible Project Cost:	$667,397
Rank:	656		
County:	Camden	Total State Amount:	$667,397

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.087
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	400.087

Project Name, Number	Priority List Rank
Camden City S340366-02 Sludge Treatment/Disposal Facilities	656

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 plants residuals handling system.

Project Description

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

Anticipated Recipient:	Asbury Park City		
Project No.:	S340883-01	Eligible Project Cost:	$746,386
Rank:	657		
County:	Monmouth	Total State Amount:	$746,386

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.016116
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	400.016116

Project Name, Number	Priority List Rank
Asbury Park City S340883-01 Sludge Treatment/Disposal Facilities	657

County

Monmouth

Existing Population

16,116

Service Area

Asbury Park City

Need for Project

The sludge generated at the Citys 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:	Newark City		
Project No.:	S340815-18	Eligible Project Cost:	$1,645,877
Rank:	658		
County:	Essex	Total State Amount:	$1,645,877

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	100
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.27714
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	375.27714

Project Name, Number	Priority List Rank
Newark City S340815-18 Stormwater Management - Gray Infrastructure	658

County

Essex

Existing Population

277,140

Service Area

City of Newark

Need for Project

Rehabilitation of the Meadowlands Stormwater Pump Station is required to reduce flooding in the lower portions of the East Ward.

Project Description

The proposed project includes rehabilitation of screw pumps and other equipment at the Meadowlands Stormwater Pump Station.

Anticipated Recipient:	Long Branch Sewerage Authority		
Project No.:	S340820-03	Eligible Project Cost:	$3,766,422
Rank:	659		
County:	Monmouth	Total State Amount:	$3,766,422

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.030719
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	375.030719

Project Name, Number	Priority List Rank
Long Branch Sewerage Authority S340820-03 Sludge Treatment/Disposal Facilities	659

County

Monmouth

Existing Population

30,719

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:	Gloucester County Utilities Authority		
Project No.:	S340902-13	Eligible Project Cost:	$13,982,306
Rank:	660		
County:	Gloucester	Total State Amount:	$13,982,306

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.2
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	365.2

Project Name, Number	Priority List Rank
Gloucester County Utilities Authority S340902-13 Decentralized Wastewater (or Septic) System Repair/Replacement	660

County

Gloucester

Existing Population

200,000

Service Area

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

Need for Project

The GCUA WWTP is currently permitted to treat 24.10 mgd. The average flow is 19.4 mgd and the maximum value is 25 mgd. This project will not affect the water quality, however is necessary to meet the air quality permit limits for the incinerator.

Project Description

(Carryover SFY2015) - The Authority is proposing to construct an adsorber immediately adjacent to Sewage Sludge Incinerator 2. These upgrades are proposed in order to meet new federal air emission limits. The improvements will provide removal of acid gases (HCl and SO2) and the removal of mercury dioxins and furans.

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340687-05	Eligible Project Cost:	$37,834,533
Rank:	661		
County:	Bergen	Total State Amount:	$37,834,533

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.49114
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	350.49114

Project Name, Number	Priority List Rank
Bergen County Utilities Authority S340687-05 Sludge Treatment/Disposal Facilities	661

County

Bergen

Existing Population

491,140

Service Area

The

Need for Project

BCUA operates a 94 mgd secondary sewage treatment plant which produces 35 dry tonsday of anaerobically digested liquid sludge which is currently dewatered by Spectroserv Inc. in the Town of Kearny and shipped to Pennslyvania 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:	Joint Meeting of Essex & Union Counties		
Project No.:	S340686-03	Eligible Project Cost:	$19,257,315
Rank:	662		
County:	Union	Total State Amount:	$19,257,315

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.478
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	350.478

Project Name, Number	Priority List Rank
Joint Meeting of Essex & Union Counties S340686-03 Sludge Treatment/Disposal Facilities	662

County

Union

Existing Population

478,000

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:	Burlington County		
Project No.:	S340818-04	Eligible Project Cost:	$7,846,596
Rank:	663		
County:	Burlington	Total State Amount:	$7,846,596

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.38246
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	350.38246

Project Name, Number	Priority List Rank
Burlington County S340818-04 Sludge Treatment/Disposal Facilities	663

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 50000 gpd to 130000 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 56000 gpd - monthly ADF Project No. S340818-03). Permitted capacity was increased from 28000 gpd to 130000 gpd (monthly ADF) under NJPDES No. NJ0055395.

Project Description

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

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-28	Eligible Project Cost:	$2,049,114
Rank:	664		
County:	Atlantic	Total State Amount:	$2,049,114

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.25
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	350.25

Project Name, Number	Priority List Rank
Atlantic County Utilities Authority S340809-28 Sewage Treatment Plant (STP) - Improvement/Upgrade	664

County

Atlantic

Existing Population

250,000

Service Area

The ACUA Wastewater Treatment facility has 14 participating communities (Absecon, Atlantic City Sewerage Company, Brigantine, Egg Harbor City, Egg Harbor Township, Galloway Township, Hamilton Township, Linwood, Longport, Margate, Northfield, Pleasantville, Somers Point, and Ventnor) along with outside sludge customers that bring their sludge to the ACUA's facility.

Need for Project

The project will be used to ensure the ACUA's incinerator meets the SSI requirements set by EPA.

Project Description

The project will address the Sewer Sludge Incinerator (SSI) requirements set by EPA.

Anticipated Recipient:	Hudson County Improvement Authority		
Project No.:	S340399-15	Eligible Project Cost:	$20,024,455
Rank:	665		
County:	Hudson	Total State Amount:	$20,024,455

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.22135
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	350.22135

Project Name, Number	Priority List Rank
Hudson County Improvement Authority S340399-15 Sludge Treatment/Disposal Facilities	665

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 Authoritys 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:	Hudson County Improvement Authority		
Project No.:	S340900-01	Eligible Project Cost:	$26,962,839
Rank:	666		
County:	Hudson	Total State Amount:	$26,962,839

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	50
			Population	0.21858
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	350.21858

Project Name, Number	Priority List Rank
Hudson County Improvement Authority S340900-01 Sanitary Sewer System Rehabilitation	666

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:	Atlantic County Utilities Authority		
Project No.:	S340405-04	Eligible Project Cost:	$19,607,239
Rank:	667		
County:	Atlantic	Total State Amount:	$19,607,239

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.163667
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	350.163667

Project Name, Number	Priority List Rank
Atlantic County Utilities Authority S340405-04 Sludge Treatment/Disposal Facilities	667

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 Authoritys 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 19000 tons per year of compostable material from Mercer County. Finally to meet the Authoritys 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:	Somerset Raritan Valley Sewer Authority		
Project No.:	S340801-08	Eligible Project Cost:	$12,997,791
Rank:	668		
County:	Somerset	Total State Amount:	$12,997,791

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.117
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	350.117

Project Name, Number	Priority List Rank
Somerset Raritan Valley Sewer Authority S340801-08 Sewage Treatment Plant (STP) - Improvement/Upgrade	668

County

Somerset

Existing Population

117,000

Service Area

The SRVSA provides service to the Township of Bridgewater, Township of Branchburg, the Township of Hillsborough, the Borough of Manville, the Borough of Raritan, the Borough of Somerville (Somerville), the Township of Warren, and portions of the Township of Green Brook. Combined, all municipalities contribute to a service area of over 67 square miles.

Need for Project

Recent USEPA regulations (40CFR60 subpart MMMM) set strict limits for nine pollutants under section 129 of the clean air act: Cadmium, carbon monoxide, hydrogen chloride, lead, mercury, nitrogen oxides, particulate matter, sulfur dioxide, polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans. In order for the SRVSA incinerators to meet these new low emission limits, it is necessary to significantly upgrade the Authority's air pollution control equipment. The proposed upgrade to Incinerator No. 2 is needed to provide continued reliable operation of SRVSA's sludge incinerator facilities, while improving energy efficiency through replacement of antiquated equipment with new energy efficient equipment. The present capacity of SRVSA's wastewater treatment plant will remain unchanged.

Project Description

The proposed rehabilitation of sludge incinerator 2 consists of a new secondary heat exchanger new scrubber system and new associated instrumentation and electrical systems. To meet new Federal air emission performance standards for existing sewage sludge incineration units (40 CFR Part 60 Subpart MMMM) a new mercury control system will be installed which will clean the exhaust from sludge incinerator 2. This proposed project will not involve any changes or an increase to the present wastewater capacity of the WWTP. Additionally no adjustments to the permitted wastewater flow to the treatment plant under the SRVSAs existing NJPDESDSW permit will be necessary.

Anticipated Recipient:	Cape May County Municipal Utilities Authority		
Project No.:	S340661-06	Eligible Project Cost:	$12,302,395
Rank:	669		
County:	Cape May	Total State Amount:	$12,302,395

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.097265
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	350.097265

Project Name, Number	Priority List Rank
Cape May County Municipal Utilities Authority S340661-06 Sludge Treatment/Disposal Facilities	669

County

Cape May

Existing Population

97,265

Service Area

WildwoodLower Region and Seven MileMiddle Region

Need for Project

The project is required to provide sludgeseptage treatment and disposal for the Cape May County MUA - WildwoodLower Regional and Seven MileMiddle 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 WildwoodLower Regional WWTF and the 7.67 mgd Seven MileMiddle Region WWTF. The septage treatment facilities will be incorporated into the CMCMUA Seven MileMiddle Regional WWTF.

Anticipated Recipient:	Cape May County Municipal Utilities Authority		
Project No.:	S340661-09	Eligible Project Cost:	$384,168
Rank:	669		
County:	Cape May	Total State Amount:	$384,168

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.097265
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	350.097265

Project Name, Number	Priority List Rank
Cape May County Municipal Utilities Authority S340661-09 Sludge Treatment/Disposal Facilities	669

County

Cape May

Existing Population

97,265

Service Area

Cape May County MUA - WildwoodLower Region and CMCMUA - Seven MileMiddle Region

Need for Project

Since 1984 the odors from the Cape May wastewater Treatment Facilitys Influent Building and sludge Thickener Complaex have been treated using chemical scrubbers. These odor controls have reached the end of their useful life and need to be replaced.

Project Description

The project includes installation of a biofilter odor control system.

Anticipated Recipient:	Neptune Township Sewerage Authority		
Project No.:	S340410-09	Eligible Project Cost:	$13,000,360
Rank:	671		
County:	Monmouth	Total State Amount:	$13,000,360

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.034727
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	350.034727

Project Name, Number	Priority List Rank
Neptune Township Sewerage Authority S340410-09 Sludge Treatment/Disposal Facilities	671

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

Enhancing the sludge digestion process will minimize the need to haul sludge off-site and reduce operating costs.

Project Description

The proposed project includes cleaning repairing and upgrades to the digesters sludge holding tanks and waste gas burners.

Anticipated Recipient:	Mount Holly Municipal Utilities Authority		
Project No.:	S340819-02	Eligible Project Cost:	$5,203,507
Rank:	672		
County:	Burlington	Total State Amount:	$5,203,507

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.02659
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	350.02659

Project Name, Number	Priority List Rank
Mount Holly Municipal Utilities Authority S340819-02 Sludge Treatment/Disposal Facilities	672

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:	Milford Borough		
Project No.:	S340805-02	Eligible Project Cost:	$4,076,260
Rank:	673		
County:	Hunterdon	Total State Amount:	$4,076,260

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0061
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	350.0061

Project Name, Number	Priority List Rank
Milford Borough S340805-02 Sludge Treatment/Disposal Facilities	673

County

Hunterdon

Existing Population

6,100

Service Area

Milford Borough Holland Township

Need for Project

There is serious II 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 plants 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 II and cost effectiveness analysis will be performed to determine the extent of excessive II in the system.

Anticipated Recipient:	North Wildwood City		
Project No.:	S340663-08	Eligible Project Cost:	$21,916,520
Rank:	674		
County:	Cape May	Total State Amount:	$21,916,520

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	100
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.004041
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	350.004041

Project Name, Number	Priority List Rank
North Wildwood City S340663-08 Sanitary Sewer System Rehabilitation	674

County

Cape May

Existing Population

4,041

Service Area

Complete replacement of the sanitary sewers, storm sewers and reconstruction of roadways within the following locations: 5th Ave (Beach Creek to Central Ave), including the street end bulkhead and boat ramp; 6th Ave (New Jersey Ave to Central Ave); 7th Ave (Central Ave to Surf Ave); 8th Ave (New Jersey Ave to Surf Ave); 9th Ave (Central Ave to Surf Ave); 14th Ave (Central Ave to Surf Ave); 15th Ave (Surf Ave to Ocean Ave); 16th Ave (Delaware Ave to New York Ave); 17th Ave (New York Ave to New Jersey Ave); 12th, 13th, 14th, & 15th Avenues (Hoffman Canal to Delaware Ave), including the street end bulkheads; Hoffman Alley (12th Ave to 15th Ave; Delaware Ave (12th Ave to 18th Ave); Central Ave (5th Ave to 6th Ave); New York Ave (5th Ave to 7th Ave); New York Ave (16th Ave to 17th Ave); the Boardwalk Storm Sewer System between 16th Ave and 26th Ave, including replacement of the Boardwalk between 22nd Ave and 26th Ave; and the Beach Outfall near 21st Avenue.

Need for Project

The project will dramatically improve resiliency in the existing sanitary sewer and storm sewer systems to mitigate flooding and system backup caused by failure of said systems. The project will minimize the potential for these systems to fail under both normal day to day operations as well as in storm events thereby preventing water quality impact to the open waters adjacent to the City on both the Ocean and Bay sides of the municipality.

Project Description

Complete replacement of the, storm sewers and reconstruction of roadways within the following locations: 5th Ave (Beach Creek to Central Ave), including the street end bulkhead and boat ramp; 6th Ave (New Jersey Ave to Central Ave); 7th Ave (Central Ave to Surf Ave); 8th Ave (New Jersey Ave to Surf Ave); 9th Ave (Central Ave to Surf Ave); 14th Ave (Central Ave to Surf Ave); 15th Ave (Surf Ave to Ocean Ave); 16th Ave (Delaware Ave to New York Ave); 17th Ave (New York Ave to New Jersey Ave); 12th, 13th, 14th, & 15th Avenues (Hoffman Canal to Delaware Ave), including the street end bulkheads; Hoffman Alley (12th Ave to 15th Ave; Delaware Ave (12th Ave to 18th Ave); Central Ave (5th Ave to 6th Ave); New York Ave (5th Ave to 7th Ave); New York Ave (16th Ave to 17th Ave); the Boardwalk Storm Sewer System between 16th Ave and 26th Ave, including replacement of the Boardwalk between 22nd Ave and 26th Ave; and the Beach Outfall near 21st Avenue.

Anticipated Recipient:	Milltown Borough		
Project No.:	S340102-05	Eligible Project Cost:	$13,726,000
Rank:	675		
County:	Middlesex	Total State Amount:	$13,726,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	100
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.006893
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	340.006893

Project Name, Number	Priority List Rank
Milltown Borough S340102-05 Stormwater Management - Gray Infrastructure	675

County

Middlesex

Existing Population

6,893

Service Area

The Service Area for the Milltown Municipal Facility is the entire Borough of Milltown. The Borough of Milltown is located in the center of Middlesex County, NJ and is bordered by North Brunswick Township to the north and west, the Township of East Brunswick to the south and the Borough of South River to the east.

Need for Project

The project is required in order to mitigate flooding of the existing Municipal Public Works Garage by removing it from the flood plain. Given the fact that flood levels have reached historic highs at this location twice within five years, there is a concern that the same are being influenced by changes in upstream conditions resulting in increased flood levels and flood frequency in the area of the Borough. In order for the Borough Municipal Facility to be fully utilized and protected from physical and financial damages it is necessary to relocate the facility to an alternate location at a higher elevation. The proposed location for the new Municipal Facility is at an elevation approximately 18 feet higher than the existing Municipal Facility and is approximately 14 feet higher than the 500 year flood plain elevation and the measured flood elevation from Hurricane Irene, which will reduce the risk of flooding.

Project Description

The existing Municipal Public Works Garage is situated in the 100-year floodplain of the Lawrence Brook. Severe flooding of the Lawrence Brook during a storm in April 2007 and during Hurricane Irene in August 2011 inundated the area surrounding the facility and flooded the interior of the building with several feet of water, resulting in the need for repetitive replacement of equipment and materials as well as physical damage to the building that required mitigation. The purpose of this project is to relocate the Milltown Municipal Facilities for flood mitigation. The proposed improvements consist of reconstructing the Municipal Facility outside of the flood plain. The new Municipal Facility will include a Department of Public Works Building, a Salt House and other Borough offices including Operations and Emergency Management. It is anticipated that the Borough's Firehouse will also be relocated to the new site.

Anticipated Recipient:	Jersey City Redevelopment Agency		
Project No.:	S340119-01	Eligible Project Cost:	$3,000,793
Rank:	676		
County:	Hudson	Total State Amount:	$3,000,793

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	275

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.240055
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	325.240055

Project Name, Number	Priority List Rank
Jersey City Redevelopment Agency S340119-01 Stormwater Management - Green Infrastructure	676

County

Hudson

Existing Population

240,055

Service Area

Jersey City

Need for Project

The proposed project significantly reduces the amount of storm water flowing into the already burdened combined sewer system. Installation of low-flow water fixtures will help reduce the impact to the cities sewer system by 20.

Project Description

The proposed project includes installation of green roofs rainwater harveting technology a sub-surface detention system photovoltaic arrays and low-flow water fixtures.

Anticipated Recipient:	West Milford Township		
Project No.:	S340701-10	Eligible Project Cost:	$289,789
Rank:	677		
County:	Passaic	Total State Amount:	$289,789

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	275
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	275

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.02585
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	325.02585

Project Name, Number

West Milford Township
S340701-10
Decentralized Wastewater (or Septic) System Repair/Replacement

Priority List Rank

677

County

Passaic

Existing Population

25,850

Service Area

West Milford Township

Need for Project

The Township of West Milford utilizes individual subsurface sewage disposal systems and individual wells (95 on wells and septics) for their wastewater disposal and potable water supply. There is approximately 8517 (85.2 of residences) subsurface sewage disposal systems within the Township of West Milford. Taking a very conservative approach not counting commercial establishments each of these 8517 systems generate approximately 500 gallons of contaminated waste water per day thats a total of 4258500 gallons of contaminated water that enters into the water shed of West Milford. There is 4647 residences in LR zone (4663 w Class 15) 6463 residences in Highlands Open Water Protection Zone (300(tm) open water buffer) and 3319 residences within 300ft of water (2002lulc) (does not include wetlands streams). Many of these existing systems have malfunctioned even when the systems have been designed constructed and sited in accordance with applicable NJDEP standards largely due to lack of proper system management or improper operation poor soil conditions and maintenance. These malfunctions have been shown to adversely affect public health and welfare and the environment.

Project Description

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

Anticipated Recipient:	Manasquan Borough		
Project No.:	S340450-02	Eligible Project Cost:	$4,505,800
Rank:	678		
County:	Monmouth	Total State Amount:	$4,505,800

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	275

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005897
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	325.005897

Project Name, Number

Manasquan Borough
S340450-02
Stormwater Management - Green Infrastructure

Priority List Rank

678

County

Monmouth

Existing Population

5,897

Service Area

The population served by the project is the Borough of Manasquan, a 1.38 square mile coastal town in Monmouth County, New Jersey. The planning area consists of the entire borough, which will benefit from the project as measures will be implemented to improve water quality and replace ageing infrastructure. The project is located at Borough-owned property known as Axel Carlson Park, which is bordered by Stockton Lake. Axel Carlson Park is a linear waterfront passive recreation area with shade trees, picnic tables, benches, trash receptacles, a park sign, and an asphalt path that abuts the bulkhead with Stockton Lake.

Need for Project

The purpose of the project is to improve the water quality of stormwater runoff being discharged into Stockton Lake that eventually leads to Barnegat Bay through the Glimmer Glass, Manasquan River, and Point Pleasant Canal. The water quality need for this project is to remove total suspended solids and float-able pollutants from the stormwater system prior to discharging runoff into Stockton Lake in an effort to improve the water quality of Barnegat Bay. Stormwater runoff is the most common way that nonpoint source pollution reaches local rivers, creeks and other waterways including Barnegat Bay. If the runoff is not absorbed by soil and vegetation or by other measures, rainwater carries chemicals, nutrients, sediments and other forms of nonpoint source pollution into surface waters. The existing bulkhead condition is also causing sediment to enter Stockton Lake. Holes in the bulkhead result in erosion behind the bulkhead causing sinkholes to form and sediment to spill freely.

Project Description

This is a Stormwater Management – Green Infrastructure project that impacts the Barnegat Bay Watershed. There is also a resiliency component. The proposed project includes stormwater management and conveyance improvements to include the creation of a longitudinal bioretention swale with rain garden areas, installation of overflow bubbler inlets on outfall pipes to discharge the runoff into the bioretention swale, installation of structural and/or non-structural water quality treatment devices and measures on existing outfall pipes for surface water conveyance, installation of new outfall pipes as needed for positive drainage of the bioretention swale, and grading of the park property as needed. Also included is the reconstruction and elevation of approximately 1,400 linear feet of bulkhead and installation of a pervious pedestrian walkway and safety railing at the new bulkhead.

Anticipated Recipient:	Alloway Township		
Project No.:	S340965-01	Eligible Project Cost:	$9,963,124
Rank:	679		
County:	Salem	Total State Amount:	$9,963,124

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0031
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	325.0031

Project Name, Number	Priority List Rank
Alloway Township S340965-01 Sanitary Sewer System - New	679

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.:	S340946-02	Eligible Project Cost:	$7,975,913
Rank:	680		
County:	Ocean	Total State Amount:	$7,975,913

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.0019
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	325.0019

Project Name, Number	Priority List Rank
Stafford Township S340946-02 Sanitary Sewer System - New	680

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 Authoritys Southern Water Pollution Control Facilities located in West Creek.

Anticipated Recipient:	Bridgewater Township		
Project No.:	S340638-03	Eligible Project Cost:	$2,273,143
Rank:	681		
County:	Somerset	Total State Amount:	$2,273,143

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00133
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	325.00133

Project Name, Number	Priority List Rank
Bridgewater Township S340638-03 Sanitary Sewer System - New	681

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.:	S340626-04	Eligible Project Cost:	$55,180
Rank:	682		
County:	Cape May	Total State Amount:	$55,180

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.000453
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	325.000453

Project Name, Number	Priority List Rank
West Wildwood Borough S340626-04 Sanitary Sewer System - New	682

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.:	S340781-03	Eligible Project Cost:	$551,932
Rank:	683		
County:	Somerset	Total State Amount:	$551,932

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.0001
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	325.0001

Project Name, Number	Priority List Rank
Raritan Borough S340781-03 Sludge Treatment/Disposal Facilities	683

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:	Plumsted Township		
Project No.:	S340607-03	Eligible Project Cost:	$16,789,494
Rank:	684		
County:	Ocean	Total State Amount:	$16,789,494

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00601
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	315.00601

Project Name, Number

Plumsted Township
S340607-03
Sanitary Sewer System - New

Priority List Rank

684

County

Ocean

Existing Population

6,010

Service Area

Downtown New Egypt

Need for Project

Replace aged, failing, undersized septic and cesspool systems. Improve water quality in Oakford Lake and the Crosswicks Creek. Re vitalize Main Street in New Egypt.

Project Description

The proposed project is to construct a new sewer collection system pump station and treatment plant. Currently there is no public sewer system in New Egypt. The scope of the project is as follows a. to install approximately 3800 LF of 8 and 10 gravity sewer b. construction of a pump station and 8 force main of approximately 5000 LF to the sewage treatment plant c. construction of a sewage treatment plant d. disposal of the treated wastewater.

Anticipated Recipient:	Hammonton Town		
Project No.:	S340927-03	Eligible Project Cost:	$4,983,647
Rank:	685		
County:	Atlantic	Total State Amount:	$4,983,647

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	10
			Population	0.014791
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	310.014791

Project Name, Number	Priority List Rank
Hammonton Town S340927-03 Sanitary Sewer System - New	685

County

Atlantic

Existing Population

14,791

Service Area

SouthwestSoutheast 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:	Middlesex County Utilities Authority		
Project No.:	S340699-11	Eligible Project Cost:	$22,117,020
Rank:	686		
County:	Middlesex	Total State Amount:	$22,117,020

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	300
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	300

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.867708
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.867708

Project Name, Number

Middlesex County Utilities Authority
S340699-11
Wastewater Reuse

Priority List Rank

686

County

Middlesex

Existing Population

867,708

Service Area

Borough of Bound Brook East Brunswick Sewerage Authority Township of Edison Franklin Township Sewerage Authority Township of Greenbrook Borough of Highland Park Borough of Metuchen Borough of Middlesex Monroe Township City of New Brunswick Borough of Milltown Township of North Brunswick Old Bridge Township Sewerage Authority Township of Piscataway Borough of North Plainfield Borough of Watchung Township of Scotch Plains City of Plainfield Borough of Sayreville Borough of South Bound Brook Township of South Brunswick Borough of South Plainfield Borough of South River Borough of Spotswood Borough of Dunellen Borough of Fanwood Need for Projec The Project will be a distribution system for the reuse of treated wastewater to end users within the MCUA

Need for Project

The Project will be a distribution system for the reuse of treated wastewater to end users within the MCUA Service Area. All treated wastewater conveyed to end user locations, which following its intended use requires disposal, will be redirected to the sanitary sewer for ultimate treatment by the MCUA. The Project will divert treated wastewater from being conveyed to receiving waters.

Project Description

The Project will involve the construction of a 15 MGD Pumping Station and appurtenances to convey treated wastewater from the Edward J. Patten Water Reclamation Center in Sayreville NJ to end user locations. The pumping station will be located at the wastewater treatment facility site. End users will construct and connect their conveyance piping to the pumping stations discharge pipe for transmission of the treated effluent to end use sites. Two electric power generation facilities have approached the MCUA for the use of treated wastewater for cooling purposes at their facilities.

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-14	Eligible Project Cost:	$4,679,566
Rank:	687		
County:	Atlantic	Total State Amount:	$4,679,566

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	300
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	300

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.167633
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.167633

Project Name, Number	Priority List Rank
Atlantic County Utilities Authority S340809-14 Wastewater Reuse	687

County

Atlantic

Existing Population

167,633

Service Area

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

Need for Project

Reclamation of wastewater for beneficial reuse will protect aquifers assist potable water conservation in Atlantic County and reduce treated wastewater discharges into the Atlantic Ocean.

Project Description

The proposed project includes the construction of treatment facilities pumping and conveyance facilities to provide landscape irrigation for six residential communities. The project consists of a new 0.36 MGD membrane bioreactor treatment system a 300000 gallon storage tank as well as pumping facilities 8500 LF of force main piping and other related appurtenances.

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-11	Eligible Project Cost:	$7,602,671
Rank:	688		
County:	Atlantic	Total State Amount:	$7,602,671

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	300
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	300

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.163667
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.163667

Project Name, Number

Atlantic County Utilities Authority
S340809-11
Wastewater Reuse

Priority List Rank

688

County

Atlantic

Existing Population

163,667

Service Area

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

Need for Project

Reclamation of wastewater for beneficial reuse will protect aquifers assist potable water conservation in Atlantic County and reduce treated wastewater discharges into the Atlantic Ocean.

Project Description

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

Anticipated Recipient:	Cape May County Municipal Utilities Authority		
Project No.:	S340661-07	Eligible Project Cost:	$2,305,676
Rank:	689		
County:	Cape May	Total State Amount:	$2,305,676

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	300
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	300

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.097265
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.097265

Project Name, Number

Cape May County Municipal Utilities Authority
S340661-07
Wastewater Reuse

Priority List Rank

689

County

Cape May

Existing Population

97,265

Service Area

WildwoodLower Region and Seven MileMiddle Region

Need for Project

The purpose of the project is to highly treat effluent from the Authoritys Seven Mile BeachMiddle Region WTF and provide it for beneficial reuse.

Project Description

The proposed project inludes plant improvements to allow for reuse of 300000 gpd of effluent from the Seven Mile BeachMiddle Region WTF.

Anticipated Recipient:	Old Bridge Municipal Utilities Authority		
Project No.:	S340945-04	Eligible Project Cost:	$33,032,119
Rank:	690		
County:	Middlesex	Total State Amount:	$33,032,119

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.060456
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.060456

Project Name, Number	Priority List Rank
Old Bridge Municipal Utilities Authority S340945-04 Sanitary Sewer System - New	690

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:	Wayne Township		
Project No.:	S340929-01	Eligible Project Cost:	$1,861,346
Rank:	691		
County:	Passaic	Total State Amount:	$1,861,346

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.04555
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.04555

Project Name, Number

Wayne Township
S340929-01
Sanitary Sewer System Rehabilitation

Priority List Rank

691

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 andor 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:	New Brunswick City		
Project No.:	S340437-03	Eligible Project Cost:	$950,799
Rank:	692		
County:	Middlesex	Total State Amount:	$950,799

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.04171
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.04171

Project Name, Number	Priority List Rank
New Brunswick City S340437-03 Sanitary Sewer System - New	692

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 II partially due to the combined nature of its sewer system.

Project Description

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

Anticipated Recipient:	Galloway Township		
Project No.:	S340892-02	Eligible Project Cost:	$5,700,971
Rank:	693		
County:	Atlantic	Total State Amount:	$5,700,971

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.031209
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.031209

Project Name, Number

Galloway Township
S340892-02
Sanitary Sewer System Rehabilitation

Priority List Rank

693

County

Atlantic

Existing Population

31,209

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 60000 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:	Winslow Township		
Project No.:	S340895-02	Eligible Project Cost:	$2,722,374
Rank:	694		
County:	Camden	Total State Amount:	$2,722,374

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.03009
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.03009

Project Name, Number

Winslow Township
S340895-02
Sanitary Sewer System Rehabilitation

Priority List Rank

694

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.:	S340875-01	Eligible Project Cost:	$5,630,570
Rank:	695		
County:	Camden	Total State Amount:	$5,630,570

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.028126
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.028126

Project Name, Number	Priority List Rank
Voorhees Township S340875-01 Sanitary Sewer System Rehabilitation	695

County

Camden

Existing Population

28,126

Service Area

Voorhees Township

Need for Project

The proposed project is needed to replace the pumpingconveyance 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:	Freehold Township		
Project No.:	S340304-01	Eligible Project Cost:	$4,886,714
Rank:	696		
County:	Monmouth	Total State Amount:	$4,886,714

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.02471
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.02471

Project Name, Number	Priority List Rank
Freehold Township S340304-01 Sanitary Sewer System - New	696

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 approximateley 24300 LF of gravity sewers two pump stations and related force mains and a low pressure sewer system to serve approximately 365 existing homes.

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340526-03	Eligible Project Cost:	$2,911,180
Rank:	697		
County:	Gloucester	Total State Amount:	$2,911,180

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.02314
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.02314

Project Name, Number	Priority List Rank
Gloucester County Utilities Authority S340526-03 Sludge Treatment/Disposal Facilities	697

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:	Raritan Township Municipal Utilities Authority		
Project No.:	S340485-04	Eligible Project Cost:	$8,583,061
Rank:	698		
County:	Hunterdon	Total State Amount:	$8,583,061

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.0225
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.0225

Project Name, Number	Priority List Rank
Raritan Township Municipal Utilities Authority S340485-04 Decentralized Wastewater (or Septic) System Repair/Replacement	698

County

Hunterdon

Existing Population

22,500

Service Area

Raritan Township

Need for Project

This project is proposed for the elimination of malfunctioning septic systems. Existing water quality in the area does not meet standards for dissolved oxygen and fecal coliform and marginally meets standards for nutrient and toxics.

Project Description

According to the 201 Facilities Plan for the Middle South Branch of the Raritan River collection systems were proposed for Sand Hill Road Sunny Hills Estates Old Craton Road Raritan Gardens Broad Acres and Ridge Road areas individual & mound systems for the Deerpath Village and Southridge areas and a STEP system for Bridgeview Estates. The septic tank effluent from the effluent collectors and STEP System will be treated at the Raritan Township MUA.

Anticipated Recipient:	South Brunswick Township		
Project No.:	S340897-01	Eligible Project Cost:	$1,254,485
Rank:	699		
County:	Middlesex	Total State Amount:	$1,254,485

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.02236
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.02236

Project Name, Number	Priority List Rank
South Brunswick Township S340897-01 Sanitary Sewer System Rehabilitation	699

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 andor 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 4500 feet of ten inch sewer line and 1450 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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Rockaway Township		
Project No.:	S340478-05	Eligible Project Cost:	$17,510,632
Rank:	700		
County:	Morris	Total State Amount:	$17,510,632

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.01956
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.01956

Project Name, Number	Priority List Rank
Rockaway Township S340478-05 Sanitary Sewer System Rehabilitation	700

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:	Maple Shade Township		
Project No.:	S340710-03	Eligible Project Cost:	$496,861
Rank:	701		
County:	Burlington	Total State Amount:	$496,861

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	300
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	300

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.019079
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.019079

Project Name, Number	Priority List Rank
Maple Shade Township S340710-03 Wastewater Reuse	701

County

Burlington

Existing Population

19,079

Service Area

Maple Shade Merchantville Pennsauken and portions of Camden and Cherry Hill

Need for Project

The Pennsauken Country Club currently uses approximately 20 million gallons per year of potable water to irrigate its golf course by reusing water from the Maple Shade Treatment Plant for irrigation 20 MG of potable water will be saved.

Project Description

The proposed project includes installation of a water reuse system for treated water from the Maple Shade Treatment Plant to be piped to the Pennsauken Country Club. The effluent water will be treated with a disc filter and chemical injection.

Anticipated Recipient:	Montville Township		
Project No.:	S340931-02	Eligible Project Cost:	$16,484,390
Rank:	702		
County:	Morris	Total State Amount:	$16,484,390

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.0162
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.0162

Project Name, Number	Priority List Rank
Montville Township S340931-02 Sanitary Sewer System Rehabilitation	702

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:	Montville Township		
Project No.:	S340931-04	Eligible Project Cost:	$2,767,332
Rank:	702		
County:	Morris	Total State Amount:	$2,767,332

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.0162
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.0162

Project Name, Number

Montville Township
S340931-04
Decentralized Wastewater (or Septic) System Repair/Replacement

Priority List Rank

702

County

Morris

Existing Population

16,200

Service Area

The Township of Montville has 135 miles of sanitary sewer mains carry 750 million gallons of sewage annually to the Parisppany-Troy Hills Wastewater Treatment Plant (Montville Township, n.d.). The Township is planning to expand its sanitary sewer system in the Old Lane and Mulbrook Area to connect residential homes currently on septic with approximately 9,000 linear feet of new mains, manholes, and laterals with cleanouts. The project service area in Montville Township is categorized as a residential area (Zone R-27A). The proposed collection system will be connected to the existing sewer systems on Valhalla road, Old Lane road and W Serafin way, and convey flow to the Parsippany-Troy Hills Wastewater Treatment Plant that is located 7.3 miles south of the project area.

Need for Project

The proposed sewer systems will improve the groundwater quality thus the water quality of nearby Lake Valhalla and surface water. The septic systems of the proposed project area are poorly managed and failing. The poor condition of the septic systems results a critical groundwater and surface water contamination, therefore, poses a significant threat to drinking water and human health.

Project Description

The proposed project consists of the connection of 95 existing homes to the existing Montville's sanitary sewer system. The properties are currently served by septic systems. The total length of 8" PVC pipe associated with the project is approximately 9,000 LF. The project also includes the 95 service laterals up to the property boundary and the road trench restoration.

Anticipated Recipient:	Manchester Township		
Project No.:	S340650-03	Eligible Project Cost:	$8,972,628
Rank:	704		
County:	Ocean	Total State Amount:	$8,972,628

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.0154
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.0154

Project Name, Number
Manchester Township
S340650-03
Sanitary Sewer System - New

Priority List Rank
704

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 13282 feet of gravity sewers Savannah Acres Low pressuregrinder pump system with 17085 feet of 2 PVC low-pressure piping Cedar Glen Homes 16000 feet of gravity sewers Richard and Whitney Estates 112 and 2 low-pressure sewers Cedar Glen West 3900 feet of 8 and 15 gravity sewers a pumping station and 8700 feet of 6 force main. The flow from the area will be conveyed to the Ocean County Utilities Authoritys Central Plant for treatment and disposal.

Anticipated Recipient:	North Arlington Borough		
Project No.:	S340959-02	Eligible Project Cost:	$708,917
Rank:	705		
County:	Bergen	Total State Amount:	$708,917

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.015392
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.015392

Project Name, Number	Priority List Rank
North Arlington Borough S340959-02 Sanitary Sewer System - New	705

County

Bergen

Existing Population

15,392

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 3600 feet of collection sewers to serve the Porete Avenues section of North Arlington. The wastewater will be conveyed through the North Arlington-Lyndhurst Joint Meetings sewer system to the Passaic Valley Sewerage Commissioners STP.

Anticipated Recipient:	Bernards Township Sewerage Authority		
Project No.:	S340382-02	Eligible Project Cost:	$542,184
Rank:	706		
County:	Somerset	Total State Amount:	$542,184

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.0153
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.0153

Project Name, Number

Bernards Township Sewerage Authority
S340382-02
Sanitary Sewer System - New

Priority List Rank

706

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 LaneColumbia Road area of Basking Ridge. The system will consist of all gravity sewers with the exception of two properties which will require pumping to a pressure sewer. The wastewater will be conveyed to the 1.2 MGD capacity treatment plant.

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340461-04	Eligible Project Cost:	$7,211,095
Rank:	707		
County:	Gloucester	Total State Amount:	$7,211,095

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.01448
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.01448

Project Name, Number

Gloucester County Utilities Authority
S340461-04
Sanitary Sewer System - New

Priority List Rank

707

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.:	S340418-05	Eligible Project Cost:	$40,854,622
Rank:	708		
County:	Bergen	Total State Amount:	$40,854,622

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.013
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.013

Project Name, Number	Priority List Rank
Oakland Borough S340418-05 Sanitary Sewer System Rehabilitation	708

County

Bergen

Existing Population

13,000

Service Area

Borough of Oakland

Need for Project

The area is currently served by septic systems and some small package treatment plants. Existing disposal facilities result in a public nuisance as a result of high groundwater and impervious soils.

Project Description

The facilities plan recommends the design and construction of a gravity collection system for the majority of the developed areas of the Borough and interceptor sewers. This project involves the collection and interceptor sewers.

Anticipated Recipient:	Vernon Township		
Project No.:	S340745-02	Eligible Project Cost:	$6,677,126
Rank:	709		
County:	Sussex	Total State Amount:	$6,677,126

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.01108
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.01108

Project Name, Number

Vernon Township
S340745-02
Sanitary Sewer System - New

Priority List Rank

709

County

Sussex

Existing Population

11,080

Service Area

The

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 andor 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 andor cluster systems may be involved in this project. On-site rehabilitation in conjunction with the establishment of a septic management district(s) may also be a viable alternative. The construction of this project should satisfy the wastewater needs of Vernon Township as well as maintaining water quality and safeguarding the public health.

Anticipated Recipient:	Wanaque Borough		
Project No.:	S340434-02	Eligible Project Cost:	$306,771
Rank:	710		
County:	Passaic	Total State Amount:	$306,771

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.01058
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.01058

Project Name, Number	Priority List Rank
Wanaque Borough S340434-02 Sanitary Sewer System Rehabilitation	710

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 Boroughs collection system project. The first phase (75130 l.f.) has already been constructed. In several instances septic systems have been malfunctioning creating potential health hazard situations and a public nuisance.

Project Description

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

Anticipated Recipient:	Mahwah Township		
Project No.:	S340592-03	Eligible Project Cost:	$9,194,418
Rank:	711		
County:	Bergen	Total State Amount:	$9,194,418

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.01048
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.01048

Project Name, Number	Priority List Rank
Mahwah Township S340592-03 Sanitary Sewer System Rehabilitation	711

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:	Wantage Township		
Project No.:	S340760-03	Eligible Project Cost:	$572,805
Rank:	712		
County:	Sussex	Total State Amount:	$572,805

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00949
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00949

Project Name, Number

Wantage Township
S340760-03
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

712

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.:	S340403-05	Eligible Project Cost:	$708,917
Rank:	713		
County:	Morris	Total State Amount:	$708,917

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.009361
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.009361

Project Name, Number

Chatham Township
S340403-05
Sludge Treatment/Disposal Facilities

Priority List Rank

713

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:	Bloomingdale Borough		
Project No.:	S340634-03	Eligible Project Cost:	$3,790,064
Rank:	714		
County:	Passaic	Total State Amount:	$3,790,064

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00806
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00806

Project Name, Number	Priority List Rank
Bloomingdale Borough S340634-03 Sewage Treatment Plant (STP) - Improvement/Upgrade	714

County

Passaic

Existing Population

8,060

Service Area

Bloomingdale

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 andor 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:	Upper Saddle River Borough		
Project No.:	S340909-01	Eligible Project Cost:	$1,384,609
Rank:	715		
County:	Bergen	Total State Amount:	$1,384,609

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00784
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00784

Project Name, Number	Priority List Rank
Upper Saddle River Borough S340909-01 Sanitary Sewer System - New	715

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 Township		
Project No.:	S340404-05	Eligible Project Cost:	$14,495,600
Rank:	716		
County:	Morris	Total State Amount:	$14,495,600

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00766
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00766

Project Name, Number	Priority List Rank
Long Hill Township S340404-05 Sanitary Sewer System Rehabilitation	716

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:	Manchester Township		
Project No.:	S340650-05	Eligible Project Cost:	$13,791,502
Rank:	717		
County:	Ocean	Total State Amount:	$13,791,502

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00646
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00646

Project Name, Number	Priority List Rank
Manchester Township S340650-05 Pump Stations	717

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 OCUAs Central Plant located in Bayville for secondary treatment with effluent disposal to the Atlantic Ocean.

Anticipated Recipient:	Fairfield Township		
Project No.:	S340957-01	Eligible Project Cost:	$7,336,023
Rank:	718		
County:	Cumberland	Total State Amount:	$7,336,023

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.006283
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.006283

Project Name, Number	Priority List Rank
Fairfield Township S340957-01 Sanitary Sewer System Rehabilitation	718

County

Cumberland

Existing Population

6,283

Service Area

Township of Fairfield

Need for Project

The Gould town center area to be serviced relies on the discharge to groundwater through individual onsite septic systems that are close to 30 years old. As a result of aging and failing septic systems the project will provide a sanitary sewer extension to address groundwater quality standards.

Project Description

The proposed project includes the installation of 18000 linear feet of gravity sewer ranging in size from 8 to 12 inches and the upgrade or replacement of an existing pump station to eliminate the onsite systems.

Anticipated Recipient:	Carlstadt Sewerage Authority		
Project No.:	S340705-03	Eligible Project Cost:	$5,342,181
Rank:	719		
County:	Bergen	Total State Amount:	$5,342,181

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00612
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00612

Project Name, Number

Carlstadt Sewerage Authority
S340705-03
Sanitary Sewer System - New

Priority List Rank

719

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 Carlstadts sewered flows are currently conveyed to the RutherfordCarlstadts Joint Meeting STP for treatment prior to dis- charge to Berrys Creek (FW2-NTSE-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:	Mahwah Township		
Project No.:	S340737-01	Eligible Project Cost:	$230,325
Rank:	720		
County:	Bergen	Total State Amount:	$230,325

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.006
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.006

Project Name, Number	Priority List Rank
Mahwah Township S340737-01 Decentralized Wastewater (or Septic) System Repair/Replacement	720

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 County Municipal Utilities Authority		
Project No.:	S340759-02	Eligible Project Cost:	$7,234,628
Rank:	721		
County:	Sussex	Total State Amount:	$7,234,628

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00596
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00596

Project Name, Number | **Priority List Rank**

Sussex County Municipal Utilities Authority
S340759-02 | 721
Sanitary Sewer System - New

County

Sussex

Existing Population

5,960

Service Area

Branchville Borough and sections of 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 pump station and force main to convey flow to the wastewater treatment plant site construction of a treatment plant with the ability to treat effluent to Class II A grounwater standards with subsurface disposal of the treated effluent.

Anticipated Recipient:	Wharton Borough		
Project No.:	S340489-03	Eligible Project Cost:	$599,302
Rank:	722		
County:	Morris	Total State Amount:	$599,302

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00557
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00557

Project Name, Number	Priority List Rank
Wharton Borough S340489-03 Sanitary Sewer System Rehabilitation	722

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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Berlin Township		
Project No.:	S340790-02	Eligible Project Cost:	$847,274
Rank:	723		
County:	Camden	Total State Amount:	$847,274

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00555
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00555

Project Name, Number	Priority List Rank
Berlin Township S340790-02 Sanitary Sewer System Rehabilitation	723

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 138774 linear feet and four pumping stations. The collection system will connect to the regional CCMUA pumping station.

Anticipated Recipient:	Frankford Township		
Project No.:	S340742-02	Eligible Project Cost:	$2,727,380
Rank:	724		
County:	Sussex	Total State Amount:	$2,727,380

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00511
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00511

Project Name, Number	Priority List Rank
Frankford Township S340742-02 Sewage Treatment Plant (STP) - Improvement/Upgrade	724

County

Sussex

Existing Population

5,110

Service Area

Frankford Township

Need for Project

The Frankford Township area is currently relying on on-site septic disposal systems for the treatment of wastewater. Many of these existing systems appear inadequate. This is creating a public nuisance.

Project Description

This project is part of a wastewater treatment system to be developed by the Sussex County Municipal Utilities Authority and consists of a proposed regional sewage treatment plant which will serve Frankford Township along with Branchville Borough. It includes the construction of a collection and interceptor system for the Frankford Township area.

Anticipated Recipient:	Blairstown Township		
Project No.:	S340568-02	Eligible Project Cost:	$1,512,694
Rank:	725		
County:	Warren	Total State Amount:	$1,512,694

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00489
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00489

Project Name, Number	Priority List Rank
Blairstown Township S340568-02 Sanitary Sewer System - New	725

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 (S340568-02) includes the construction of a collection system for the Village of Blairstown area. The sewage will be conveyed to and treated at the propoised regional STP.

Anticipated Recipient:	Riverdale Borough		
Project No.:	S340729-01	Eligible Project Cost:	$1,744,301
Rank:	726		
County:	Morris	Total State Amount:	$1,744,301

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00242
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00242

Project Name, Number

Riverdale Borough
S340729-01
Sanitary Sewer System Rehabilitation

Priority List Rank

726

County

Morris

Existing Population

2,420

Service Area

The

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:	Mahwah Township		
Project No.:	S340592-06	Eligible Project Cost:	$5,532,128
Rank:	727		
County:	Bergen	Total State Amount:	$5,532,128

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00235
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00235

Project Name, Number

Mahwah Township
S340592-06
Sanitary Sewer System Rehabilitation

Priority List Rank

727

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:	North Bergen Municipal Utilities Authority		
Project No.:	S340652-06	Eligible Project Cost:	$3,997,392
Rank:	728		
County:	Hudson	Total State Amount:	$3,997,392

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.00233
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00233

Project Name, Number

North Bergen Municipal Utilities Authority
S340652-06
Sewage Treatment Plant (STP) - New

Priority List Rank

728

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 Flow Effluent Plant (STP) Name (mgd) Reported BOD Reported SS (NJPDES) Design Present mgl mgl 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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Oxford Township		
Project No.:	S340445-02	Eligible Project Cost:	$183,343
Rank:	729		
County:	Warren	Total State Amount:	$183,343

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.002307
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.002307

Project Name, Number	Priority List Rank
Oxford Township S340445-02 Sanitary Sewer System Rehabilitation	729

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 Municipal Utilities Authority		
Project No.:	S340838-01	Eligible Project Cost:	$3,665,234
Rank:	730		
County:	Burlington	Total State Amount:	$3,665,234

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.0021
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.0021

Project Name, Number

Evesham Municipal Utilities Authority
S340838-01
Sanitary Sewer System - New

Priority List Rank

730

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 DiameterSTEP 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 maintenancerepair costs would be the responsibility of the owner.

Anticipated Recipient:	Kinnelon Borough		
Project No.:	S340487-02	Eligible Project Cost:	$9,964,412
Rank:	731		
County:	Morris	Total State Amount:	$9,964,412

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.0017
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.0017

Project Name, Number	Priority List Rank
Kinnelon Borough S340487-02 Sanitary Sewer System - New	731

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 48000 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 ButlerKinnelon boundary and all wastewater would be discharged to the Pequannock-Lincoln Park-Fairfield Sewerage Authority for treatment.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Hope Township		
Project No.:	S340872-01	Eligible Project Cost:	$508,696
Rank:	732		
County:	Warren	Total State Amount:	$508,696

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00166
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00166

Project Name, Number

Hope Township
S340872-01
Sanitary Sewer System - New

Priority List Rank

732

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:	Pequannock Township		
Project No.:	S340480-06	Eligible Project Cost:	$9,333,821
Rank:	733		
County:	Morris	Total State Amount:	$9,333,821

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00134
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00134

Project Name, Number	Priority List Rank
Pequannock Township S340480-06 Sanitary Sewer System - New	733

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 residentialcommercial 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.:	S340930-01	Eligible Project Cost:	$3,335,192
Rank:	734		
County:	Gloucester	Total State Amount:	$3,335,192

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00131
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00131

Project Name, Number

Washington Township
S340930-01
Sanitary Sewer System - New

Priority List Rank

734

County

Gloucester

Existing Population

1,310

Service Area

Washington Township

Need for Project

Failure of on-site sewage disposal systems within the Gardendale and Grenlock 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 9895 linear feet (L.F.) of gravity main 1750 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 10940 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 2890 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.:	S340650-06	Eligible Project Cost:	$3,340,073
Rank:	735		
County:	Ocean	Total State Amount:	$3,340,073

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00128
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00128

Project Name, Number

Manchester Township
S340650-06
Pump Stations

Priority List Rank

735

County

Ocean

Existing Population

1,280

Service Area

Holly OaksKnollwoods 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 oflocal 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 OCUAs Central Plant located in Bayville for secondary treatment with effluent disposal to the Atlantic Ocean.

Anticipated Recipient:	Upper Township		
Project No.:	S340619-03	Eligible Project Cost:	$2,326,681
Rank:	736		
County:	Cape May	Total State Amount:	$2,326,681

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00091
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00091

Project Name, Number

Upper Township
S340619-03
Sanitary Sewer System - New

Priority List Rank

736

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 MileMiddle regional treatment facility. The collection and treatment of wastes generated by the Strathmere section of Upper Township were included in the Seven MileMiddle regional plans.

Anticipated Recipient:	Pequannock Township		
Project No.:	S340480-05	Eligible Project Cost:	$6,403,679
Rank:	737		
County:	Morris	Total State Amount:	$6,403,679

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00086
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00086

Project Name, Number

Pequannock Township
S340480-05
Sanitary Sewer System Rehabilitation

Priority List Rank

737

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 residentialcommercial 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.:	S340740-02	Eligible Project Cost:	$2,584,971
Rank:	738		
County:	Sussex	Total State Amount:	$2,584,971

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00085
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00085

Project Name, Number	Priority List Rank
Branchville Borough S340740-02 Sewage Treatment Plant (STP) - Improvement/Upgrade	738

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.:	S340961-01	Eligible Project Cost:	$2,459,208
Rank:	739		
County:	Burlington	Total State Amount:	$2,459,208

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00081
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00081

Project Name, Number

Southampton Township
S340961-01
Sanitary Sewer System Rehabilitation

Priority List Rank

739

County

Burlington

Existing Population

810

Service Area

Village of Vincentown

Need for Project

The Village of Vincentown is primarily a residential area currently using individual on-site wastewater treatment disposal systems. A survey report was made by the Burlington County Health Department which showed that many of the systems are having serious problems.

Project Description

The topography of the area to be served (Village of Vincentown) is not steep sloped but with gently sloping grades. The major obstacles are three small streams which will be crossed by hanging insulated pipes on the existing bridges. 11200 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:	Shamong Township		
Project No.:	S340831-01	Eligible Project Cost:	$2,702,506
Rank:	740		
County:	Burlington	Total State Amount:	$2,702,506

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00062
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00062

Project Name, Number | **Priority List Rank**

Shamong Township
S340831-01 | 740
Decentralized Wastewater (or Septic) System Repair/Replacement

County

Burlington

Existing Population

620

Service Area

Bartons Lake and Fawn Lake Villages in Shamong Township

Need for Project

The Fawn Lake and Bartons Lake areas of Shamong Township have been experiencing on-site disposal problems for the past ten years. Bartons 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.:	S340271-01	Eligible Project Cost:	$3,340,073
Rank:	741		
County:	Somerset	Total State Amount:	$3,340,073

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00055
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00055

Project Name, Number	Priority List Rank
Millstone Borough S340271-01 Sewage Treatment Plant (STP) - Improvement/Upgrade	741

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.:	S340836-01	Eligible Project Cost:	$2,089,419
Rank:	742		
County:	Middlesex	Total State Amount:	$2,089,419

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00045
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00045

Project Name, Number

Plainsboro Township
S340836-01
Sanitary Sewer System Rehabilitation

Priority List Rank

742

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:	Clayton Borough		
Project No.:	S340918-01	Eligible Project Cost:	$1,162,637
Rank:	743		
County:	Gloucester	Total State Amount:	$1,162,637

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00041
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00041

Project Name, Number

Clayton Borough
S340918-01
Sanitary Sewer System - New

Priority List Rank

743

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 andor 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 Sewerage Authority		
Project No.:	S340870-01	Eligible Project Cost:	$2,157,878
Rank:	744		
County:	Salem	Total State Amount:	$2,157,878

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.0004
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.0004

Project Name, Number	Priority List Rank
Pennsville Sewerage Authority S340870-01 Sanitary Sewer System - New	744

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 Municipal Utilities Authority		
Project No.:	S340833-01	Eligible Project Cost:	$721,415
Rank:	745		
County:	Atlantic	Total State Amount:	$721,415

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00035
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00035

Project Name, Number	Priority List Rank
Buena Borough Municipal Utilities Authority S340833-01 Sewage Treatment Plant (STP) - Improvement/Upgrade	745

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.:	S340480-03	Eligible Project Cost:	$1,645,877
Rank:	746		
County:	Morris	Total State Amount:	$1,645,877

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00018
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00018

Project Name, Number	Priority List Rank
Pequannock Township S340480-03 Sanitary Sewer System Rehabilitation	746

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 2825 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 Newarks 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.:	S340594-02	Eligible Project Cost:	$4,245,681
Rank:	747		
County:	Morris	Total State Amount:	$4,245,681

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	0.00014
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00014

Project Name, Number
Lincoln Park Borough
S340594-02
Sanitary Sewer System - New

Priority List Rank
747

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 andor 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 Boroughs wastewater to an existing interceptor of the Pequannock Fairfield and Lincoln Park Sewerage Authority (TBSA) for ultimate disposal at the existing TBSAs treatment plant. This project is presently in the facilities planning stage.

Anticipated Recipient:	Woodbridge Township		
Project No.:	S340433-08	Eligible Project Cost:	$36,885
Rank:	748		
County:	Middlesex	Total State Amount:	$36,885

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
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
			Population	2.0E-5
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00002

Project Name, Number	Priority List Rank
Woodbridge Township S340433-08 Sanitary Sewer System Rehabilitation	748

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 andor 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:	Hackensack City		
Project No.:	S340923-15	Eligible Project Cost:	$1,600,000
Rank:	749		
County:	Bergen	Total State Amount:	$1,600,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.04301
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	285.04301

Project Name, Number	Priority List Rank
Hackensack City S340923-15 Stormwater Management - Gray Infrastructure	749

County

Bergen

Existing Population

43,010

Service Area

South Newman Street, the Polifly Park area, Temple Avenue, Pine Street, South River (East of Lafayette) and Hudson Street (between Water and Kennedy Streets)

Need for Project

Efforts are to mitigate stormwater infrastructure capacity issues by retrofitting existing infrastructure, adding new infrastructure and updating stormwater management measures.

Project Description

Stormwater infrastructure improvements to South Newman Street, the Polifly Park area, Temple Avenue, Pine Street, South River (East of Lafayette) and Hudson Street (between Water and Kennedy Streets)

Anticipated Recipient:	Woolwich Township		
Project No.:	S340432-01	Eligible Project Cost:	$15,092,956
Rank:	750		
County:	Gloucester	Total State Amount:	$15,092,956

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.0102
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	275.0102

Project Name, Number	Priority List Rank
Woolwich Township S340432-01 Sanitary Sewer System - New	750

County

Gloucester

Existing Population

10,200

Service Area

Woolwich Township is located in northwestern Gloucester County and is bounded by the Townships of Logan, Greenwich and East Greenwich on the north, Township of Harrison on the east, Township of South Harrison and Piles grove on the south, Township of Oldmans on the west and the Borough of Swedesboro in the center. The Township of Woolwich has an approved Wastewater Management Plan that includes the area to be served by this project within the sewer service area. Sanitary sewer service in Woolwich Township is provided by Aqua NJ. The Weatherby area of the Township has a sanitary sewer system that flows to LTMUA. There is also a small section of the Township that is serviced by Swedesboro.

Need for Project

The project will serve the TDR receiving area along Route 322. The area is currently serviced by septic systems. The new sewer force main and pump station will ensure future development is not serviced by septic. Otherwise development could result in negative impacts to water quality. Although the project impacts the TDR receiving area, the sending area will now be protected from future development and water quality issues that may have resulted from development in the sending area.

Project Description

The project serves a smart growth regional center and a TDR receiving area. This project consists of the extension of sanitary sewer service to residential and commercial properties within the TDR receiving area designated along Route 322 and commercial and industrial properties along Route 322.A gravity sewer extension will be installed within the Route 322 rights-of-ways and a sanitary pumping station will be located at the border of Woolwich and Logan Townships. A force main will extend along Route 322 and through an easement to convey the flows from the proposed Woolwich pump station to an existing LTMUA pump station which will convey the flow to the Water Reclamation Facility.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-17	Eligible Project Cost:	$3,054,560
Rank:	751		
County:	Essex	Total State Amount:	$3,054,560

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	1.35
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	276.35

Project Name, Number	Priority List Rank
Passaic Valley Sewerage Commission S340689-17 Equipment Purchase (Clean Water)	751

County

Essex

Existing Population

1,350,000

Service Area

Kearny Harrison East Newark Newark Paterson Rutherford East Rutherford Wallington Passaic N. Arlington and Garfield

Need for Project

A street sweeper will help remove floatables from entering combined sewer overflows in the Passaic River and Newark Bay. A skimmer vessel will remove floatables from the surface of the Passaic River. A sample vessle will help monitor water quality trends including water quality improvements due to CSO improvements.

Project Description

The proposed project includes purchases of a skimmer vessle a sample vessle and a street sweeper.

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-26	Eligible Project Cost:	$26,600,000
Rank:	752		
County:	Camden	Total State Amount:	$26,600,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.513657
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	275.513657

Project Name, Number

Camden County Municipal Utilities Authority
S340640-26
Non-Point Source (NPS) Pollution Controls

Priority List Rank

752

County

Camden

Existing Population

513,657

Service Area

Camden County

Need for Project

Excessive nutrients have led to the Newton Creek to become eutrophic which has manifested itself in algae blooms and algae mats. The algae blooms and mats have affected the dissolved oxygen levels in the creek. This project will address watershed and stormwater practices to positively affect external nutrient loading.

Project Description

The project consists of the dredging of the Newton Lake from Cuthbert Boulevard to the Black Horse Pike in Oaklyn including the Peter's Creek tributary, Pond 2 and Nichols Pond. Dredging will improve the water quality of the Creek.

Anticipated Recipient:	Camden City		
Project No.:	S340366-11	Eligible Project Cost:	$2,049,114
Rank:	753		
County:	Camden	Total State Amount:	$2,049,114

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.079904
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	275.079904

Project Name, Number	Priority List Rank
Camden City S340366-11 Stormwater Management - Gray Infrastructure	753

County

Camden

Existing Population

79,904

Service Area

City of Camden

Need for Project

The proposed project is for the for the clean-out and rehabilitation of stormwater infrastructure to improve the discharge to local waterways.

Project Description

This task involves the rehabilitation of stormwater collection system outfalls located in the Fairview section of Camden. The proposed scope of work consists of inspection stormwater sewer outfalls and associated structures repair & replacement of stormwater outfall piping (if needed) cleaning of compromised blocked outfalls removal and disposal of sediment materials and other debris and installation of in-line and/or end-of-pipe stormwater backflow controls.

Anticipated Recipient:	Hoboken City		
Project No.:	S340635-03	Eligible Project Cost:	$73,770
Rank:	754		
County:	Hudson	Total State Amount:	$73,770

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.050005
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	275.050005

Project Name, Number	Priority List Rank
Hoboken City S340635-03 Stormwater Management - Gray Infrastructure	754

County

Hudson

Existing Population

50,005

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:	Berkeley Township		
Project No.:	S340969-11	Eligible Project Cost:	$395,962
Rank:	755		
County:	Ocean	Total State Amount:	$395,962

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	275

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.041255
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	275.041255

Project Name, Number

Berkeley Township
S340969-11
Stormwater Management - Gray Infrastructure

Priority List Rank

755

County

Ocean

Existing Population

41,255

Service Area

Berkeley Township

Need for Project

Stormwater runoff is the most common way that nonpoint source pollution reaches local rivers creeks and lakes. Rainwater carries chemicals nutrients sediments and other forms of nonpoint source pollution into local streams if the water is not absorbed by soil and vegetation. The Townships goal with its stormwater management plan is to increase absorption of rainwater by soil and vegetation using mechanisms that reduce the velocity of flow and retain the water in natural areas. This will reduce the amount of pollutants being carried off to nearby watercourses and reduce flooding.

Project Description

The proposed project includes replacement of existing compacted gravel roads that currently have no stormwater management controls with pavement and specific stormwater controls both structural and nonstructural to properly control stormwater runoff and reduce nonpoint source pollution. Nonstructural management will include practices such as allowing stormwater to runoff roadways into vegetated areas as sheet flow where feasible directing runoff into vegetated swales where feasible and allowing stormwater that must be collected to bubble up through outlets and spread out as sheet flow runoff through vegetated filter strips and forested riparian buffers. Where it is not practical to utilize those nonstrucural practices stormwater will be collected and directed into an underground stormwater recharge system.

Anticipated Recipient:	Atlantic City		
Project No.:	S340439-03	Eligible Project Cost:	$2,488,662
Rank:	756		
County:	Atlantic	Total State Amount:	$2,488,662

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.039558
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	275.039558

Project Name, Number	Priority List Rank
Atlantic City S340439-03 Decentralized Wastewater (or Septic) System Repair/Replacement	756

County

Atlantic

Existing Population

39,558

Service Area

The serve area includes the entire City of Atlantic City

Need for Project

This system is designed to improve flood and stormwater control in much of the City of Atlantic City. Currently trash and other materials flow into the Baltic Avenue Canal and outfall into the back bays. The flood gates will include screens that will capture there pollutants before they enter the waterways.

Project Description

(Carryover SFY2015) - The proposed project includes installation of flood gates to mitigate future stormwater damage in a 815 acre drainage area.

Anticipated Recipient:	Atlantic City		
Project No.:	S340439-02	Eligible Project Cost:	$8,859,157
Rank:	756		
County:	Atlantic	Total State Amount:	$8,859,157

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.039558
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	275.039558

Project Name, Number	Priority List Rank
Atlantic City S340439-02 Stormwater Management - Gray Infrastructure	756

County

Atlantic

Existing Population

39,558

Service Area

Atlantic City

Need for Project

This system is designed to improve and protect groundwater by capping historic fill and providing well-designed stormwater wastewater and water supply systems. This site will support a new business park and marina when completed.

Project Description

This project includes installing a fill material shore protection structure stormwater management site work sewer and water supply systems and soil erosion and sedimentation control systems at the planned Riverside Business Park. This project is designed to make the stormwater system more resilient and to protect public infrastructure and private investments in the area. This system is designed to improve and protect groundwater by capping historic fill and providing well-designed stormwater systems.

Anticipated Recipient:	Atlantic City		
Project No.:	S340439-01	Eligible Project Cost:	$18,830,939
Rank:	756		
County:	Atlantic	Total State Amount:	$18,830,939

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.039558
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	275.039558

Project Name, Number	Priority List Rank
Atlantic City S340439-01 Decentralized Wastewater (or Septic) System Repair/Replacement	756

County

Atlantic

Existing Population

39,558

Service Area

The Fisherman's Park Flood Gates provides an outlet for the Baltic Avenue Canal which drains an 815 acre area of Atlantic City that stretches from just south of the Atlantic City Expressway to the Absecon Inlet and the Bungalow Park Neighborhoods in Atlantic City. The planned Fisherman's Park Flood Gates are located at the intersection of Melrose Avenue and N. Rhode Island Avenue.

Need for Project

This system is designed to improve flood and storm water control in much of the City of Atlantic City. The project includes removal of existing flood walls and construction of 542 linear feet of new flood walls; construction of closed drainage culvert to replace open drainage culvert; construction of storm water control gates; and construction of new storm water pumping structure and piping.

Project Description

(Carryover SFY2015) - The proposed project involves repair and installation of floodwalls and floodgates. The project also includes reconstruction and elevation of roadway. These improvements will reduce flood damage to the Citys infrastructure. This system is designed to improve and protect groundwater by providing well-designed stormwater systems. Hence this project will provide adequate environmental infrastructure to improve resiliency of Sandy damaged systems in future natural disasters.

Anticipated Recipient:	Manchester Township		
Project No.:	S340650-07	Eligible Project Cost:	$500,308
Rank:	759		
County:	Ocean	Total State Amount:	$500,308

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	275

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.038928
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	275.038928

Project Name, Number	Priority List Rank
Manchester Township S340650-07 Stormwater Management - Green Infrastructure	759

County

Ocean

Existing Population

38,928

Service Area

Manchester Township

Need for Project

The proposed improvements will address existing roadway flooding and potential pavement deterioration soil erosion and also improve water quality in the Pine Lake via reduction in TSS and phosphorus removal.

Project Description

The project involves installation of six (6) subsurface recharge systems approximately 1600 linear feet of 36 perforated HDPE pipe within the Pine Lake Park area of the Town. The project also includes installation of 50 new inlet structures. The Town will also collect runoff from four dead end areas and redirect them into proposed treatment units prior to discharging into Pine Lake.

Anticipated Recipient:	Bernards Township		
Project No.:	S340382-04	Eligible Project Cost:	$1,928,489
Rank:	760		
County:	Somerset	Total State Amount:	$1,928,489

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	275

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.024575
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	275.024575

Project Name, Number

Bernards Township
S340382-04
Non-Point Source (NPS) Pollution Controls

Priority List Rank

760

County

Somerset

Existing Population

24,575

Service Area

Bernards Township

Need for Project

This project seeks to correct the ecological imbalances of the site through ecologically designed water management practices resulting in increased infiltration into the ground of clean water cleaner water throughout the site that is naturally cleansed through plant processes without the use of chemicals and a healthier minimized and controlled return of water to the Dead River. This project also seeks to create clean water from waste water through the use of constructed wetlands. Water exiting the system is recreational quality water before it is returned to the ecosystem therefore reducing site pollution. This project is in the planning area of the Highlands and as such seeks to contribute clean water to the eco-system.

Project Description

Mine Brook Road is an ecologically designed and agriculturally integrated residential development with 12 homes on Minebrook Road in Bernards Township in the Highlands Planning Area. The property is bounded by RT 287 to the north and west and the Dead River to the east. The entire property was design to be sustainable and water was a primary focus. The current conditions include high levels of runoff and low water infiltration to the soil. This is being addressed through a site-wide ecologically driven stormwater system that includes new constructed wetlands a habitat pond and vegetated swails throughout that cleanse water as it travels through the site so that all water returned to the ecosystem is clean water. We are also working with DEP to permit a new constructed wetland for the treatment of wastewater on the site. This system is similar to a constructed wetland wastewater treatment system that we built for the Willow School in Gladstone and we believe it will be the first one to serve a residential community in the state of NJ. Aside from water agriculture energy and other sustainability concerns are also featured very heavily in this project. Organic berries and fruits will be grown on site. Because this project is so forward thinking it helps to create green jobs that will push the green economy forward - these jobs are green design green construction organic farming (there will be farmers employed) and peripheral jobs for material creation.

Anticipated Recipient:	Secaucus Town		
Project No.:	S340029-03	Eligible Project Cost:	$2,250,375
Rank:	761		
County:	Hudson	Total State Amount:	$2,250,375

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.016264
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	275.016264

Project Name, Number	Priority List Rank
Secaucus Town S340029-03 Stormwater Management - Gray Infrastructure	761

County

Hudson

Existing Population

16,264

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 replacement of a 5.5 foot by 2.7 foot culvert with a 60 inch diameter 48 inch diameter storm sewer pipes to convey additional flows to the upgraded Golden Avenue storm water pump station.

Anticipated Recipient:	Secaucus Town		
Project No.:	S340029-04	Eligible Project Cost:	$2,359,234
Rank:	761		
County:	Hudson	Total State Amount:	$2,359,234

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.016264
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	275.016264

Project Name, Number	Priority List Rank
Secaucus Town S340029-04 Stormwater Management - Gray Infrastructure	761

County

Hudson

Existing Population

16,264

Service Area

The service area includes the Town of Secaucus in Hudson County

Need for Project

This project is required to eliminate storm water flooding and to protect the health and public safety of the community.

Project Description

(Carryover SFY2015) - This project involves upgrades to the Born Street Storm Water Pump Station force main outfall system and related appurtenances.

Anticipated Recipient:	Asbury Park City		
Project No.:	S340883-07	Eligible Project Cost:	$708,917
Rank:	763		
County:	Monmouth	Total State Amount:	$708,917

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.016116
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	275.016116

Project Name, Number	Priority List Rank
Asbury Park City S340883-07 Stormwater Management - Gray Infrastructure	763

County

Monmouth

Existing Population

16,116

Service Area

Asbury Park City

Need for Project

The project is needed to re-direct certain storm infrastructure towards 7 previously installed water quality chambers throughout the City to improve runoff into lakes and ocean.

Project Description

The project involves replacement of storm sewer infrastructure on Main Street and Memorial Drive entire lengths including connections between both running under railroad ROW along side streets.

Anticipated Recipient:	Richard Stockton College		
Project No.:	S340146-02	Eligible Project Cost:	$3,007,318
Rank:	764		
County:	Atlantic	Total State Amount:	$3,007,318

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	275

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0079
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	275.0079

Project Name, Number	Priority List Rank
Richard Stockton College S340146-02 Stormwater Management - Gray Infrastructure	764

County

Atlantic

Existing Population

7,900

Service Area

Richard Stockton College

Need for Project

Replacement of existing impervious concrete with pervious concrete will allow the College to divert stormwater from Lake Fred to the underground aquifer. The project will enable the College to reclaim more water.

Project Description

The proposed project includes replacement of existing impervious concrete with pervious concrete.

Anticipated Recipient:	Richard Stockton College		
Project No.:	S340146-03	Eligible Project Cost:	$26,849,966
Rank:	764		
County:	Atlantic	Total State Amount:	$26,849,966

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	275

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0079
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	275.0079

Project Name, Number
Richard Stockton College
S340146-03
Green Infrastructure

Priority List Rank
764

County

Atlantic

Existing Population

7,900

Service Area

Richard Stockton College

Need for Project

Replacement of an existing roof with a vegetative roof would provide for better collection and filitration of stormwater for aquifer recharge. The new roof will also provide substantial energy savings.

Project Description

The proposed project includes installation of a vegetative roof encompassing 210000 square feet.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Richard Stockton College		
Project No.:	S340146-01	Eligible Project Cost:	$597,909
Rank:	764		
County:	Atlantic	Total State Amount:	$597,909

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	275

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0079
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	275.0079

Project Name, Number	Priority List Rank
Richard Stockton College S340146-01 Stormwater Management - Gray Infrastructure	764

County

Atlantic

Existing Population

7,900

Service Area

Richard Stockton College

Need for Project

A new stormwater system will allow the College to collect runoff to recharge the aquifer and use reuse any excess for irrigation.

Project Description

The proposed project includes construction of a stormwater collection system and aquifer recharge basin.

Anticipated Recipient:	Belmar Borough		
Project No.:	S340209-02	Eligible Project Cost:	$574,201
Rank:	767		
County:	Monmouth	Total State Amount:	$574,201

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0

II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	275

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.006045
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	275.006045

Project Name, Number	Priority List Rank
Belmar Borough S340209-02 Stormwater Management - Gray Infrastructure	767

County

Monmouth

Existing Population

6,045

Service Area

Borough of Belmar

Need for Project

This project will include the construction of a new stormwater drainage system designed to meet the NJDEP stormwater regulations and manage the stormwater quantity through an underground recharge system at the two intersections.

Project Description

This project will include the construction of a new stormwater drainage system designed to meet the NJDEP stormwater regulations and manage the stormwater quantity through an underground recharge system at the two intersections. It will also include construction of new stormwater quality structures including two Vortechnic units to address surface water quality. It will also include the resurfacing and regarding of the existing roadway surface concrete curb concrete sidewalk ADA complaint ramps traffic control and restoration of the above two intersections.

Anticipated Recipient:	Cinnaminson Sewerage Authority		
Project No.:	S340170-08	Eligible Project Cost:	$899,000
Rank:	768		
County:	Burlington	Total State Amount:	$899,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.015569
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	265.015569

Project Name, Number	Priority List Rank
Cinnaminson Sewerage Authority S340170-08 Sanitary Sewer System - New	768

County

Burlington

Existing Population

15,569

Service Area

All of Cinnaminson Township except for areas west of the Pennsauken Creek

Need for Project

The septic tanks serving the residences and businesses are mostly old and in need of replacement. Providing sanitary sewer service will prevent failed septic systems from impacting the groundwater quality.

Project Description

Construct 1900 LF of 8" gravity sewer to serve 19 properties that are currently on septic systems. Some of the systems are approaching the end of their useful life.

Anticipated Recipient:	Gloucester City		
Project No.:	S340958-07	Eligible Project Cost:	$112,292
Rank:	769		
County:	Camden	Total State Amount:	$112,292

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.011456
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	265.011456

Project Name, Number

Gloucester City
S340958-07
Water Mains

Priority List Rank

769

County

Camden

Existing Population

11,456

Service Area

n/a

Need for Project

n/a

Project Description

(Carryover SFY2015) - The Freedom Pier project includes the extension of the existing sanitary sewer system including pipe and appurtenances.

Anticipated Recipient:	Totowa Borough		
Project No.:		Eligible Project Cost:	$420,000
Rank:	770		
County:	Passaic	Total State Amount:	$420,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.01119
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	265.01119

Project Name, Number

Totowa Borough

Sanitary Sewer System - New

Priority List Rank

770

County

Passaic

Existing Population

11,190

Service Area

Borough of Totowa

Need for Project

The proposed project will coonect 214 homes to the Boroughs wastewater system.

Project Description

The proposed project consists of the construction of approximately 3200 linear feet of sanitary sewer force main to connect a collection system for 214 homes to the Boroughs main conveyance system.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Cranbury Township		
Project No.:	S340506-02	Eligible Project Cost:	$3,603,428
Rank:	771		
County:	Middlesex	Total State Amount:	$3,603,428

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.0025
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	260.0025

Project Name, Number

Cranbury Township
S340506-02
Sanitary Sewer System - New

Priority List Rank

771

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:	Greenwich Township		
Project No.:	S340359-02	Eligible Project Cost:	$2,200,000
Rank:	772		
County:	Warren	Total State Amount:	$2,200,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	5
			Population	0.005712
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	255.005712

Project Name, Number	Priority List Rank
Greenwich Township S340359-02 Sanitary Sewer System - New	772

County

Warren

Existing Population

5,712

Service Area

The proposed service area is located in the hamlet of Stewartsville, Greenwich Township ant the intersection of two county roads and a municipal road. The hamlet primarily consists of d single family and multi-family dwellings, commercial buildings and institutional buildings. Many of the lots are approximately one quarter acre in size. The community is served by a public waster supply.

Need for Project

Failing septic systems on small lots and the proximity to local streams

Project Description

The Township of Greenwich proposes to install a collector sewer in the vicinity of the Village of Stewartsville. The project area is located in an existing approved sewer service area designated in the Township's Wastewater Management Plan (WMP). Dwellings and commercial establishments in the village are currently served by onsite sewage disposal system, many of which are cesspools. The proposed sewer extension is anticipated to be primarily a gravity system to be constructed within existing road right-of-ways and other easements as required. The gravity system would be routed to a proposed pump station adjacent to the Greenwich Township Middle School located on South Main Street. The proposed sewers would be located in the following streets and right-of-ways: Greenwich Street (County Route 638) North Main Street (County Route 637) South Main Street (County Route 637) Willow Grove Road Washington Street Water Tower Road

Anticipated Recipient:	Mount Holly Municipal Utilities Authority		
Project No.:	S340817-02	Eligible Project Cost:	$1,525,150
Rank:	773		
County:	Burlington	Total State Amount:	$1,525,150

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.35829
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.35829

Project Name, Number

Mount Holly Municipal Utilities Authority
S340817-02
Sludge Treatment/Disposal Facilities

Priority List Rank

773

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 Countys septage on an interim basis. However the Authoritys 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 sludgeseptage 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

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340902-01	Eligible Project Cost:	$4,945,666
Rank:	774		
County:	Gloucester	Total State Amount:	$4,945,666

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.15977
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.15977

Project Name, Number

Gloucester County Utilities Authority
S340902-01
Sludge Treatment/Disposal Facilities

Priority List Rank

774

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:	Somerset Raritan Valley Sewer Authority		
Project No.:	S340801-03	Eligible Project Cost:	$1,465,130
Rank:	775		
County:	Somerset	Total State Amount:	$1,465,130

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.1007
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.1007

Project Name, Number | **Priority List Rank**

Somerset Raritan Valley Sewer Authority
S340801-03 | 775
Sludge Treatment/Disposal Facilities

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 28000 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:	Lakewood Township Municipal Utilities Authority		
Project No.:	S340465-02	Eligible Project Cost:	$4,320,000
Rank:	776		
County:	Ocean	Total State Amount:	$4,320,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.092843
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.092843

Project Name, Number

Lakewood Township Municipal Utilities Authority
S340465-02
Sanitary Sewer System Rehabilitation

Priority List Rank

776

County

Ocean

Existing Population

92,843

Service Area

Residential and Commercial area.

Need for Project

Please refer to plan specifications

Project Description

The Authority will be constructing 2 Gravity sewer lines 1) Along Vasser Avenue: Construction of 5,410 linear feet of new sanitary sewer; and 2) Along East County Line Road: Removal of existing pump station and 249 linear feet of existing sanitary. Construction of 2,637 linear feet of new sanitary sewer.both in the township of Lakewood.

Anticipated Recipient:	Clifton City		
Project No.:	S340844-03	Eligible Project Cost:	$4,391,306
Rank:	777		
County:	Passaic	Total State Amount:	$4,391,306

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.078672
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.078672

Project Name, Number	Priority List Rank
Clifton City S340844-03 Sanitary Sewer System Rehabilitation	777

County

Passaic

Existing Population

78,672

Service Area

City of Clifton

Need for Project

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

Project Description

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

Anticipated Recipient:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-11	Eligible Project Cost:	$6,419,326
Rank:	778		
County:	Bergen	Total State Amount:	$6,419,326

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.075
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.075

Project Name, Number	Priority List Rank
Northwest Bergen County Utilities Authority S340700-11 Sanitary Sewer System - New	778

County

Bergen

Existing Population

75,000

Service Area

Borough of Upper Saddle River

Need for Project

This project will allow for the elimination of existing septic systems located along the Route 17 corridor and open capacity in the Boroughs of Allendale and Ramsey reducing the potential of sewage backups into adjacent waterways.

Project Description

Construction of two regional pump stations and associated force mains along two areas of the Route 17 corridor and connection into the NBCUA Allendale Brook Interceptor and Ho-Ho-Kus Brook Interceptor. This project would also include minor modifications to existing sanitary sewer system to provide connections into the new pump stations.

Anticipated Recipient:	Salem County		
Project No.:	S340804-03	Eligible Project Cost:	$6,816,427
Rank:	779		
County:	Salem	Total State Amount:	$6,816,427

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.05688
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.05688

Project Name, Number	Priority List Rank
Salem County S340804-03 Sludge Treatment/Disposal Facilities	779

County

Salem

Existing Population

56,880

Service Area

Allowlay Township Carneys Point Township Elmer Borough Elsinboro Township Lower Alloways Creek Township Mannington Township Oldmans Township Pennsville Township Pilesgrove Township Pittsgrove Township Quinton Township Salem City Upper Pittsgrove Township

Need for Project

Approximately 30 percent of County residents employ on-lot individual septic systems to treat their wastewater. Currently numerous problems exist with these systems as a result of their installation in inappropriate soils and due to inadequate design. This situation leads to nuisance conditions possibility of public health problems and localized groundwater quality degradation. The problems in Salem County are further aggravated by the lack of adequate facilities to accept and properly dispose of septage pumpouts. The State of New Jersey mandated that septage be banned from all but lined landfills with leachate control effective March 15 1985. There are no such facilities in the planning area. It is presumed that a good deal of illegal septage dumping is occurring in the County and that surface and groundwater quality degradation may result.

Project Description

The planning for this project is to provide two basic responses to the problem outlined above. The first response is to plan for the adequate treatment and disposal for all the septage generated within the County. The second is to develop an overall management system of the County where on-lot systems currently exist. These solutions would involve the application and innovation of advanced technologies to resolve these problems. The facilities plan will consist of the following components 1. County-wide Septage Disposal Plan 2. On-lot Septic Tank Management Plan 3. Environmental Analysis 4. Full-scale Public Participation Program. Implementation of the selected plan will resolve the problem indicated above in a cost-effective environmentally sound manner.

Anticipated Recipient:	Parsippany Troy Hills Township		
Project No.:	S340886-03	Eligible Project Cost:	$354,638
Rank:	780		
County:	Morris	Total State Amount:	$354,638

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.050649
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.050649

Project Name, Number	Priority List Rank
Parsippany Troy Hills Township S340886-03 Sludge Treatment/Disposal Facilities	780

County

Morris

Existing Population

50,649

Service Area

Denville Township East Hanover Township Montville Township Mountain Lakes Borough Parsippany-Troy Hills Township

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 54000 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:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-05	Eligible Project Cost:	$2,294,564
Rank:	781		
County:	Bergen	Total State Amount:	$2,294,564

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.05055
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.05055

Project Name, Number	Priority List Rank
Northwest Bergen County Utilities Authority S340700-05 Sludge Treatment/Disposal Facilities	781

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 50000 people in the planning area thereby eliminating present unacceptable trucking and disposal of septage.

Anticipated Recipient:	Mansfield Township		
Project No.:	S340935-03	Eligible Project Cost:	$11,392,714
Rank:	782		
County:	Burlington	Total State Amount:	$11,392,714

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.05009
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.05009

Project Name, Number	Priority List Rank
Mansfield Township S340935-03 Sanitary Sewer System - New	782

County

Burlington

Existing Population

50,090

Service Area

Village of Columbus

Need for Project

A sanitary collection system and a treatment facility will address failing septic systems in the Village of Columbus.

Project Description

The proposed project includes installation of a sanitary collection system a treatment facility and a drip irrigation system.

Anticipated Recipient:	Plainfield Municipal Utilities Authority		
Project No.:	S340240-02	Eligible Project Cost:	$3,997,392
Rank:	783		
County:	Union	Total State Amount:	$3,997,392

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.047829
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.047829

Project Name, Number

Plainfield Municipal Utilities Authority
S340240-02
Pump Stations

Priority List Rank

783

County

Union

Existing Population

47,829

Service Area

City of Plainfield

Need for Project

The Authority proposes to install a regional pump station at its Rock Avenue Transfer Station to provide operational reliability and effeciency.

Project Description

The proposed project includes construction of a new wet well valve chamber generatorpump control building comminutor process piping and associated site work.

Anticipated Recipient:	Egg Harbor Township Municipal Utilities Authority		
Project No.:	S340753-05	Eligible Project Cost:	$903,160
Rank:	784		
County:	Atlantic	Total State Amount:	$903,160

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.043323
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.043323

Project Name, Number	Priority List Rank
Egg Harbor Township Municipal Utilities Authority S340753-05 Sanitary Sewer System - New	784

County

Atlantic

Existing Population

43,323

Service Area

Egg Harbor Township

Need for Project

The existing septic systems serving the single family dwellings and commercial businesses in the project area are failing.

Project Description

The EHTMUA proposes to extend a gravity collection system to service twenty-seven (27) existing homes and four (4) commercial establishments located on Doughty Road Oak Avenue Blue Spruce Road Woodland Avenue and Marlborough Road in the Farmington section of Egg Harbor Township. The flow will be conveyed via gravity mains to the Washington Avenue trunk line. The flow then is coneyed by gravity to the ACUA Pleasantville pump station which is then pumped to the ACUA City Island Treatment Plant. The project also proposes the removal and replacement of an existing manhole and removal and replacement of 359 linear feet of PVC sanitary sewer main within the municipality of Pleasantville City in order to connect to the existing trunk line in Washington Avenue.

Anticipated Recipient:	Bridgewater Township		
Project No.:	S340638-05	Eligible Project Cost:	$788,517
Rank:	785		
County:	Somerset	Total State Amount:	$788,517

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.04294
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.04294

Project Name, Number	Priority List Rank
Bridgewater Township S340638-05 Stormwater Management - Gray Infrastructure	785

County

Somerset

Existing Population

42,940

Service Area

Township of Bridgewater

Need for Project

Construction of a detention basin will enable runoff to be held for an extended period of time allowing water to recharge back to the basin and settling silt prior to release into the storm system.

Project Description

The proposed project includes construction of a detention basin at the new municipal complex. The new basin will control and reduce runoff.

Anticipated Recipient:	Berkeley Township Sewer Authority		
Project No.:	S340969-08	Eligible Project Cost:	$6,137,256
Rank:	786		
County:	Ocean	Total State Amount:	$6,137,256

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.041255
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.041255

Project Name, Number	Priority List Rank
Berkeley Township Sewer Authority S340969-08 Sanitary Sewer System - New	786

County

Ocean

Existing Population

41,255

Service Area

Berkeley Township

Need for Project

Extension of the existing collection system to replace existing failing subsurface disposal systems.

Project Description

The proposed project includes construction of sanitary sewers in the Pinewald section of Berkeley Township.

Anticipated Recipient:	Berkeley Township Sewer Authority		
Project No.:	S340969-09	Eligible Project Cost:	$4,202,120
Rank:	786		
County:	Ocean	Total State Amount:	$4,202,120

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.041255
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.041255

Project Name, Number	Priority List Rank
Berkeley Township Sewer Authority S340969-09 Sanitary Sewer System - New	786

County

Ocean

Existing Population

41,255

Service Area

Berkeley Township

Need for Project

Extension of the existing collection system to replace existing failing subsurface disposal systems.

Project Description

The proposed project includes construction of sanitary sewers in the Manitou section of Berkeley Township.

Anticipated Recipient:	Marlboro Township		
Project No.:	S340268-02	Eligible Project Cost:	$964,250
Rank:	788		
County:	Monmouth	Total State Amount:	$964,250

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.040191
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.040191

Project Name, Number

Marlboro Township
S340268-02
Sanitary Sewer System - New

Priority List Rank

788

County

Monmouth

Existing Population

40,191

Service Area

The sanitary sewer system will serve the Marlboro Township Harbor Rd. Water Treatment Plant.

Need for Project

The sewer system is needed to provide for the ability to dispose of the process waste and domestic waste from the water treatment plant. The project will allow the process waste to enter the sanitary sewer system for disposal as opposed to the current discharge to surface water NJPDES Permit method utilized presently.

Project Description

The project consists of the construction of a submersible pumping station to convey process and domestic waster water generated at the Harbor Rd., Water Treatment Plant. The work consists of the follwoing: construction of a pre-cast wet well, valve chamber, submersible pumps, controls and associated gravity sewer and force main

Anticipated Recipient:	West Orange Township		
Project No.:	S340865-01	Eligible Project Cost:	$12,117,146
Rank:	789		
County:	Essex	Total State Amount:	$12,117,146

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.03911
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.03911

Project Name, Number	Priority List Rank
West Orange Township S340865-01 Sanitary Sewer System - New	789

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 Regional Sewerage Authority		
Project No.:	S340911-02	Eligible Project Cost:	$4,610,126
Rank:	790		
County:	Monmouth	Total State Amount:	$4,610,126

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.039
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.039

Project Name, Number

Manasquan River Regional Sewerage Authority
S340911-02
Sanitary Sewer System - New

Priority List Rank

790

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

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.

Anticipated Recipient:	Hopewell Township		
Project No.:	S340282-01	Eligible Project Cost:	$23,940,222
Rank:	791		
County:	Mercer	Total State Amount:	$23,940,222

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.03846
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.03846

Project Name, Number

Hopewell Township
S340282-01
Sanitary Sewer System - New

Priority List Rank

791

County

Mercer

Existing Population

38,460

Service Area

The

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 SAs treatment facility.

Anticipated Recipient:	Galloway Township		
Project No.:	S340892-09	Eligible Project Cost:	$951,143
Rank:	792		
County:	Atlantic	Total State Amount:	$951,143

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.037349
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.037349

Project Name, Number

Galloway Township
S340892-09
Sanitary Sewer System - New

Priority List Rank

792

County

Atlantic

Existing Population

37,349

Service Area

The proposed project location is the Smithville section of Galloway Township. The project is located within the Township's CC Community Commercial zoning district. The proposed pump station will be located on Lot 1.03 in Block 1173.02

Need for Project

The intent of the State Plan for Suburban Planning Areas is to promote growth in Centers and other compact forms, to protect the character of existing stable communities, to protect natural resources, redesign areas of sprawl, to reverse the current trend towards further sprawl and to revitalize cities and towns. The State Plan indicates that these goals can be met by upgrading or replacing aging infrastructure systems to eliminate deficiencies and provide capacity for sustainable development and redevelopment in the region. This project would eliminate aging systems and redirect flow to upgraded more environmentally sound infrastructure.

Project Description

This project involves the construction of a new pump station on Lot 1.03 in Block 1173.02 and the construction of approximately 850 linear feet gravity main and 800 linear feet force main. The proposed gravity main will redirect existing flow to the proposed pump station. The project also consists of the lining of 1000 linear feet of 14 main. The other improvements proposed as part of the pump station construction include wet wells duplex submersible pumps a control building standby generator for power and a cellular based alarm system.

Anticipated Recipient:	Cherry Hill Township		
Project No.:	S340954-01	Eligible Project Cost:	$1,276,427
Rank:	793		
County:	Camden	Total State Amount:	$1,276,427

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.03647
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.03647

Project Name, Number	Priority List Rank
Cherry Hill Township S340954-01 Sanitary Sewer System - New	793

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:	Pemberton Township Municipal Utilities Authority		
Project No.:	S340649-02	Eligible Project Cost:	$13,000,360
Rank:	794		
County:	Burlington	Total State Amount:	$13,000,360

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.03134
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.03134

Project Name, Number

Pemberton Township Municipal Utilities Authority
S340649-02
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

794

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 Authoritys 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 repairreplacement of various treatment units to improve treatment capabilities at the Pemberton Township MUAs STP.

Anticipated Recipient:	Winslow Township		
Project No.:	S340895-04	Eligible Project Cost:	$2,320,058
Rank:	795		
County:	Camden	Total State Amount:	$2,320,058

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.03009
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.03009

Project Name, Number	Priority List Rank
Winslow Township S340895-04 Sanitary Sewer System - New	795

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		
Project No.:	S340895-05	Eligible Project Cost:	$4,784,482
Rank:	795		
County:	Camden	Total State Amount:	$4,784,482

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.03009
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.03009

Project Name, Number	Priority List Rank
Winslow Township S340895-05 Sanitary Sewer System - New	795

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 cuurent 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:	Deptford Township Municipal Utilities Authority		
Project No.:	S340066-01	Eligible Project Cost:	$1,677,717
Rank:	797		
County:	Gloucester	Total State Amount:	$1,677,717

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.026763
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.026763

Project Name, Number

Deptford Township Municipal Utilities Authority
S340066-01
Pump Stations

Priority List Rank

797

County

Gloucester

Existing Population

26,763

Service Area

Deptford Township

Need for Project

The RCA sewer-pumping station is a 35-year-old Can station. Failure of the station may cause contamination of the Alomonesson Creek and the Delaware River. The station conveys wastewater from the busiest section of the Township to a Gloucester County UA pump station and ultimately to GCUA for treatment. Upgrades and expansion will assure proper operation.

Project Description

The proposed project includes construction of a new larger wet well with 3 submersible variable speed pumps. The controls for the new facility will be above ground in a secure building to do away with the Can station. New instrumentation pumps alarm system and a natural gas generator for emergency supply will be installed. Upon completion of the project the existing pump station shall be abandoned the property graded and a new fence installed to secure the area.

Anticipated Recipient:	Stafford Township		
Project No.:	S340946-06	Eligible Project Cost:	$1,679,268
Rank:	798		
County:	Ocean	Total State Amount:	$1,679,268

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.026535
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.026535

Project Name, Number	Priority List Rank
Stafford Township S340946-06 Non-Point Source (NPS) Pollution Controls	798

County

Ocean

Existing Population

26,535

Service Area

Stafford Township

Need for Project

The construction of the bulkheads will help reduce future erosion and improve water quality by decreasing silts eroding from the shore.

Project Description

The proposed 800-foot bulkhead is located along Mill Creek Road between Virginia Drive and Water Boulevard and the proposed 900-foot bulkhead is located along Mill Creek Park spanning the two ends where there are existing bulkheads.

Anticipated Recipient:	Hamilton Township Municipal Utilities Authority		
Project No.:	S340903-02	Eligible Project Cost:	$2,774,147
Rank:	799		
County:	Atlantic	Total State Amount:	$2,774,147

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.026503
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.026503

Project Name, Number

Hamilton Township Municipal Utilities Authority
S340903-02
Sanitary Sewer System - New

Priority List Rank

799

County

Atlantic

Existing Population

26,503

Service Area

The

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:	Cliffside Park Borough		
Project No.:	S340847-05	Eligible Project Cost:	$2,718,518
Rank:	800		
County:	Bergen	Total State Amount:	$2,718,518

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.023594
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.023594

Project Name, Number	Priority List Rank
Cliffside Park Borough S340847-05 Sanitary Sewer System - New	800

County

Bergen

Existing Population

23,594

Service Area

Borough of Cliffside Park

Need for Project

To eliminate the CSO portion of Cliffside Park that is tributary to Fort Lee.

Project Description

The project entails the combined sewer separation of the portion of Cliffside Park that flows into Fort Lee which is a CSO community.

Anticipated Recipient:	Lower Township Municipal Utilities Authority		
Project No.:	S340810-05	Eligible Project Cost:	$15,319,133
Rank:	801		
County:	Cape May	Total State Amount:	$15,319,133

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022866
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.022866

Project Name, Number	Priority List Rank
Lower Township Municipal Utilities Authority S340810-05 Sanitary Sewer System - New	801

County

Cape May

Existing Population

22,866

Service Area

The proposed planning area consists of certain non-sewered areas in Lower Township, Cape May County. Refer to the Planning Document - Appendix B contains the maps and listing of streets for the project planning area. lists the individual streets included in the project planning area.

Need for Project

The project will eliminate individual on site waste water disposal systems which are failing due to age.

Project Description

Provide public sanitary sewer collection to non sewered areas of Lower Township, Cape May County NJ

Anticipated Recipient:	Carteret Borough		
Project No.:	S340939-04	Eligible Project Cost:	$2,250,375
Rank:	802		
County:	Middlesex	Total State Amount:	$2,250,375

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.020709
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.020709

Project Name, Number	Priority List Rank
Carteret Borough S340939-04 Sanitary Sewer System - New	802

County

Middlesex

Existing Population

20,709

Service Area

Borough of Carteret

Need for Project

Improve public health and safety.

Project Description

Waterfront Park Sanitary Sewer Service Provide new sewer service to the existing waterfront park located along the Arthur Kill waterway. Install 1500 LF of new 8 sewer main to service the existing restroom building and provide stub connections for the new proposed marina and ferry terminal.

Anticipated Recipient:	Randolph Township		
Project No.:	S340632-07	Eligible Project Cost:	$8,842,391
Rank:	803		
County:	Morris	Total State Amount:	$8,842,391

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.019974
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.019974

Project Name, Number	Priority List Rank
Randolph Township S340632-07 Sanitary Sewer System Rehabilitation	803

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:	Edgewater Borough		
Project No.:	S340446-06	Eligible Project Cost:	$2,207,442
Rank:	804		
County:	Bergen	Total State Amount:	$2,207,442

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0185
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.0185

Project Name, Number	Priority List Rank
Edgewater Borough S340446-06 Sanitary Sewer System - New	804

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:	Aberdeen Township		
Project No.:	S340869-02	Eligible Project Cost:	$8,413,107
Rank:	805		
County:	Monmouth	Total State Amount:	$8,413,107

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01821
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.01821

Project Name, Number	Priority List Rank
Aberdeen Township S340869-02 Sanitary Sewer System - New	805

County

Monmouth

Existing Population

18,210

Service Area

The project area is located in the Woodfield area of the Township of Aberdeen, bounded by Matawan Borough. A portion of the proposed force main to be installed as part of this Project will be located with Matawan Borough.

Need for Project

The Woodfield area of Aberdeen Township consists primarily of residential homes that are serviced by individual sewage treatment systems (septic). The septic systems have been susceptible to failure throughout the years. Failure of these systems has become a substantial burden and health concern to the affected residents within the community and has resulted in costly repairs for the homeowners and has impacted their quality of life. As a result of the failed systems, the stormwater quality has been negatively impacted as the septic discharge does not adequately percolate into the soils and has remained near the surface, ultimately draining into the stormwater facility and discharging into Lake Lefferts. The Township desires to install a sanitary collection system within the Woodfield area to eliminate the poor septic conditions and improve the stormwater quality and quality of like for the affected residents of the municipality.

Project Description

Install sanitary sewerage facilities (gravity sewer pump station force main) to eliminate failing septic systems for 81 residents within the Woodfield Area of the Township.

Anticipated Recipient:	Montclair State University		
Project No.:	S340321-02	Eligible Project Cost:	$6,614,815
Rank:	806		
County:	Passaic	Total State Amount:	$6,614,815

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.018
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.018

Project Name, Number	Priority List Rank
Montclair State University S340321-02 Sanitary Sewer System Rehabilitation	806

County

Passaic

Existing Population

18,000

Service Area

Montclair State University

Need for Project

The project is required to upgrade the sanitary sewer infrastructure for the University in order to meet the sewer demands of the proposed University expansion. The project will involve construction of 8200 ft of new sanitary sewer infrastructure and upgrades to existing sewage pump stations force mains and gravity mains. The project intended to reduce the downstream capacity problems that the Montclair Township sanitary sewer infrastructure is facing and allowing the University to expand in the next few years.

Project Description

The project area is located with the Montclair State University (Montclair and Little Falls Townships) and within Montclair Township and involves construction of approximately 8200 ft of new sanitary sewer that will convey sanitary sewer flows from the Montclair University campus to the Montclair Township sewer. The project also involves upgrading the existing sanitary sewer infrastructure within the Montclair State University Campus including upgrading pump stations and force mains upsizing gravity mains and lining gravity mains within to handle the additional sewer flows that will be generated by the proposed University Expansion and construction of new campus buildings.

Anticipated Recipient:	West Windsor Township		
Project No.:	S340491-02	Eligible Project Cost:	$570,013
Rank:	807		
County:	Mercer	Total State Amount:	$570,013

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.016021
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.016021

Project Name, Number	Priority List Rank
West Windsor Township S340491-02 Sewage Treatment Plant (STP) - Improvement/Upgrade	807

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 Townships treatment facility.

Anticipated Recipient:	Glassboro Borough		
Project No.:	S340545-04	Eligible Project Cost:	$3,968,099
Rank:	808		
County:	Gloucester	Total State Amount:	$3,968,099

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.015614
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.015614

Project Name, Number	Priority List Rank
Glassboro Borough S340545-04 Sanitary Sewer System - New	808

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:	Franklin Township		
Project No.:	S340839-03	Eligible Project Cost:	$1,645,877
Rank:	809		
County:	Gloucester	Total State Amount:	$1,645,877

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.015466
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.015466

Project Name, Number	Priority List Rank
Franklin Township S340839-03 Sanitary Sewer System - New	809

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:	Mantua Township MUA		
Project No.:	S340514-02	Eligible Project Cost:	$1,662,829
Rank:	810		
County:	Gloucester	Total State Amount:	$1,662,829

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.015217
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.015217

Project Name, Number	Priority List Rank
Mantua Township MUA S340514-02 Sanitary Sewer System - New	810

County

Gloucester

Existing Population

15,217

Service Area

The Township population is 15,217 residents, based on the 2010 census. The sanitary sewer collection system is owned and maintained by the Mantua Township Municipal Utilities Authority (MTMUA). Sanitary sewer generated by the Township is conveyed to the Gloucester County Utility Authority (GCUA) for treatment.

Need for Project

This project is being undertaken in order to protect and enhance existing sanitary sewer infrastructure within the MTMUA service area. Failing to maintain the current infrastructure will only serve to increase the risk of future service interruption. The replacement of existing sanitary sewer infrastructure will serve to protect local water quality from disturbances related to chemical leaching and accidental discharges from aging infrastructure. Overall the proposed work will enable MTMUA to keep the municipal infrastructure in good operating condition, reduce unscheduled maintenance, and improve system monitoring.

Project Description

The Mantua Township Municipal Utilities Authority (MTMUA) has been evaluating the water and sewer infrastructure within the Township in an effort to identify equipment and components that are aging and reaching the end of its life cycle. The Authority is looking to be proactive and has identified three (3) sanitary sewer projects that will lessen maintenance time / costs, improve safety and allow for improved system monitoring. The Barnsboro PS project consist of the construction of a new construct a gravity collection system, duplex pumping station, and force main to support existing properties along Barnsboro Road (County Route 609) and Breakneck Road (County Route 603) in Mantua Township, New Jersey. This need has been identified as a result of aging septic systems, where approximately 80% of the properties were constructed prior to 1980. The proposed pump station will be located on Block 276.01, Lot 7. The existing property is owned by Gloucester County, easements will be obtained

Anticipated Recipient:	Sparta Township		
Project No.:	S340495-04	Eligible Project Cost:	$2,821,542
Rank:	811		
County:	Sussex	Total State Amount:	$2,821,542

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.015157
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.015157

Project Name, Number	Priority List Rank
Sparta Township S340495-04 Sanitary Sewer System - New	811

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 13300 l.f. of gravity line plus appurtenances and two pumping stations.

Anticipated Recipient:	Hackettstown Municipal Utilities Authority		
Project No.:	S340803-03	Eligible Project Cost:	$641,034
Rank:	812		
County:	Warren	Total State Amount:	$641,034

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01199
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.01199

Project Name, Number	Priority List Rank
Hackettstown Municipal Utilities Authority S340803-03 Sewage Treatment Plant (STP) - Improvement/Upgrade	812

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 alterna- tive disposal method is the utilization of existing treatment facili- ties. Therefore the municipalities indicated above have been assigned to the Hackettstown Municipal Utilities Authority treatment plant as designated in Appendix A of the Statewide Septage Management Plan. This project is necessary to ensure that septage disposal for existing and future development is in conformance with said plan. It should also be noted that the present facilities for handling septage wastes generated within the above service area are inadequate to handle the quantity and quality of wastes proposed to be accepted.

Project Description

A septage management plan has already been approved by the NJDEP. The facility plan recommends the construction of additional septage handling facilities at the HMUA wastewater treatment plant. The proposed facilities consist of a receiving station receiving chamber holding tank pumping station piping valves and miscellaneous equipment to provide the capability of diverting septage at a controlled rate to the primary digester or the division box upstream of the primary clarifier.

Anticipated Recipient:	Holmdel Township		
Project No.:	S340919-02	Eligible Project Cost:	$40,665,789
Rank:	813		
County:	Monmouth	Total State Amount:	$40,665,789

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.011532
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.011532

Project Name, Number	Priority List Rank
Holmdel Township S340919-02 Sanitary Sewer System - New	813

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 VanSchiock. Also included is the Route 520 Trunkline System and associated road restoration activities.

Anticipated Recipient:	Woodland Park Borough		
Project No.:	S340778-05	Eligible Project Cost:	$733,721
Rank:	814		
County:	Passaic	Total State Amount:	$733,721

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.010987
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.010987

Project Name, Number	Priority List Rank
Woodland Park Borough S340778-05 Sanitary Sewer System - New	814

County

Passaic

Existing Population

10,987

Service Area

Borough of West Paterson

Need for Project

The proposed gravity sewer will serve an area of the Borough characterized by small lots shallow depth to bedrock and old individual sewage disposal systems. The Borough has committed to providing sewer service to the area due to polluted wells and septic system failures.

Project Description

This project includes construction of 2940 linear feet of 8 inch gravity sewer that will extend north and south from Hillside Terrace and connect to existing sewer lines.

Anticipated Recipient:	Woodland Park Borough		
Project No.:	S340203-01	Eligible Project Cost:	$2,049,114
Rank:	814		
County:	Passaic	Total State Amount:	$2,049,114

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.010987
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.010987

Project Name, Number	Priority List Rank
Woodland Park Borough S340203-01 Sanitary Sewer System - New	814

County

Passaic

Existing Population

10,987

Service Area

Borough of Woodland Park

Need for Project

The installation of sanitary sewer mains and laterals will eliminate the septic systems currently in use and reduce potential pollution to the ground water.

Project Description

The installation of gravity sanitary sewer lines and water main improvements on Oak Ridge Road, Overmount Avenue, Old Orchard Road and Elizabeth Lane. This project includes 3,850 l.f. of new 8inch sewer main.

Anticipated Recipient:	Waterford Township Municipal Utilities Authority		
Project No.:	S340163-01	Eligible Project Cost:	$3,309,185
Rank:	816		
County:	Camden	Total State Amount:	$3,309,185

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01094
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.01094

Project Name, Number

Waterford Township Municipal Utilities Authority
S340163-01
Sanitary Sewer System - New

Priority List Rank

816

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:	Harrison Township		
Project No.:	S340362-06	Eligible Project Cost:	$21,330,926
Rank:	817		
County:	Gloucester	Total State Amount:	$21,330,926

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008788
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.008788

Project Name, Number

Harrison Township
S340362-06
Water Treatment Plant/Facilities

Priority List Rank

817

County

Gloucester

Existing Population

8,788

Service Area

Harrison Township

Need for Project

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

Project Description

The Richwood Sewer Service Area is approved for a wastewater treatment and disposal facility of 980000 gallons per day. (Currently there are no such facilities in the Richwood Sewer Service Area.) A new treatment plant will be constructed on Township-owned property and will be owned operated and maintained by the Township once completed. The facilities as designed will have a total capacity of 690000 gallons per day (gpd) and will be built in two phases. Phase 1 of the facility is projected to cost approximately $15250000 ($14000000 for treatment and disposal $1250000 for conveyance systems). Phase 2 is projected to cost approximately $4000000 for treatment and disposal.

Anticipated Recipient:	Bedminster Township		
Project No.:	S340830-01	Eligible Project Cost:	$44,376,955
Rank:	818		
County:	Somerset	Total State Amount:	$44,376,955

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008302
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.008302

Project Name, Number	Priority List Rank
Bedminster Township S340830-01 Sewage Treatment Plant (STP) - Expansion	818

County

Somerset

Existing Population

8,302

Service Area

Sections of Bernards Far Hills Peapack-Gladstone Bedminster

Need for Project

The purchase of the EDC wastewater system will ensure continuing efficient service to the existing customers at reasonable rates. The existing system includes a 2.10 MGD wastewater treatment plant that discharges to the North Branch of the Raritan River. The purchase is intended to maintain water quality through an efficient municipal operation and controlled growth in the service area.

Project Description

The proposed project includes the purchase of the entire EDC wastewater collection system within the utilities franchise area in Bernards and Bedminster along with the companys 2.1 MGD central wastewater treatment plant located in Bedminster.

Anticipated Recipient:	Bernardsville Borough		
Project No.:	S340816-04	Eligible Project Cost:	$646,588
Rank:	819		
County:	Somerset	Total State Amount:	$646,588

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00668
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.00668

Project Name, Number	Priority List Rank
Bernardsville Borough S340816-04 Sanitary Sewer System - New	819

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 3500 feet of existing six inch asbestos cement force main with new six-inch high-density polyethylene pipe.

Anticipated Recipient:	Cape May City		
Project No.:	S340258-01	Eligible Project Cost:	$360,245
Rank:	820		
County:	Cape May	Total State Amount:	$360,245

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0065
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.0065

Project Name, Number	Priority List Rank
Cape May City S340258-01 Salt Water Intrusion Resolution	820

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-feet 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 1000 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 2300 feet long and will carry sanitary waste membrane wash water and water from floor drains to the West Cape May Boroughs sewer system where it will flow to the Cape May County MUAs STP for treatment and disposal in the Atlantic Ocean. The second force main will be 6-inch diameter 2700 feet long and will be designed to carry 0.4 MGD of desalination concentrate to the Cape Island Creek.

Anticipated Recipient:	Hopewell Township		
Project No.:	S340282-02	Eligible Project Cost:	$3,475,917
Rank:	821		
County:	Mercer	Total State Amount:	$3,475,917

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00615
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.00615

Project Name, Number	Priority List Rank
Hopewell Township S340282-02 Sanitary Sewer System - New	821

County

Mercer

Existing Population

6,150

Service Area

The

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:	Salem City		
Project No.:	S340235-02	Eligible Project Cost:	$1,546,267
Rank:	822		
County:	Salem	Total State Amount:	$1,546,267

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.005857
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.005857

Project Name, Number	Priority List Rank
Salem City S340235-02 Stormwater Management - Gray Infrastructure	822

County

Salem

Existing Population

5,857

Service Area

City of Salem

Need for Project

This project will include the construction of a new stormwater drainage system designed to meet the NJDEP stormwater regulations.

Project Description

This project will include the construction of a new stormwater drainage system designed to meet the NJDEP stormwater regulations. It will include installation of stormwater pipe stormwater inlets concrete headwalls bicycle safe grates and curb pieces.

Anticipated Recipient:	Wildwood City		
Project No.:	S340664-04	Eligible Project Cost:	$12,357,700
Rank:	823		
County:	Cape May	Total State Amount:	$12,357,700

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.005436
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.005436

Project Name, Number	Priority List Rank
Wildwood City S340664-04 Stormwater Management - Gray Infrastructure	823

County

Cape May

Existing Population

5,436

Service Area

City of Wildwood

Need for Project

This project will help minimize duration of flooded streets during excessive rain and high tide combination events eliminating excessive pollution from runoff.

Project Description

This proposed project includes installation of stormwater piping and a pump station with wet well along bay.

Anticipated Recipient:	Wildwood City		
Project No.:	S340664-02	Eligible Project Cost:	$2,492,677
Rank:	824		
County:	Cape May	Total State Amount:	$2,492,677

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.00448
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.00448

Project Name, Number

Wildwood City
S340664-02
Stormwater Management - Gray Infrastructure

Priority List Rank

824

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 1700 feet since 1950 creating a beach front that is over a quarter mile from the Boardwalk to the waters 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 1400 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:	North Wildwood City		
Project No.:	S340663-05	Eligible Project Cost:	$1,800,638
Rank:	825		
County:	Cape May	Total State Amount:	$1,800,638

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.004041
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.004041

Project Name, Number	Priority List Rank
North Wildwood City S340663-05 Stormwater Management - Gray Infrastructure	825

County

Cape May

Existing Population

4,041

Service Area

North Wildwood City

Need for Project

The Citys stormwater system needs to be reconfigured with the addition of a stormwarter pump station to alleviate backups that could cause the sanitary sewer in the area to become overburdened allowing individual sanitary sewer laterals to overflow and eventually discharge to coastal waters.

Project Description

The proposed project includes stormwater sewer and bulkhead rehabilitation and construction of a new storm sewer pump station.

Anticipated Recipient:	Buena Borough Municipal Utilities Authority		
Project No.:	S340518-05	Eligible Project Cost:	$5,232,801
Rank:	826		
County:	Atlantic	Total State Amount:	$5,232,801

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0037
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.0037

Project Name, Number	Priority List Rank
Buena Borough Municipal Utilities Authority S340518-05 Sewage Treatment Plant (STP) - New	826

County

Atlantic

Existing Population

3,700

Service Area

Buena Borough

Need for Project

The Borough of Buena Wastewater Treatment Plant currently discharges effluent to the surface waters of Deep Run. The BBMUA WWTP is located within the New Jersey Pinelands jurisdiction as well is the outfall. Under the New Jersey Pinelands Comprehensive Management Plan discharging to surface waters within the Pinelands is prohibited. The BBBMA Buena Vista Township and Pinelands Commission has entered into a MOA mandating the BBMUA WWTP. The BBMUA WWTP NJPDES is NJ0021717. The design flow for the WWTP is 0.4 MGD and the actual flow is approximately

Project Description

Construct an Effluent Disposal Facility to facilitate the discharge of wastewater effluent to ground water. Additionally a pump station will be constructed along with force main transmit the effluent to the Effluent Disposal Facility. The pump station will be constructed at the Borough of Buena Municipal Utilities Authority Waste Water Treatment Plant (BBMUA WWTP) and the Effluent Disposal Facility will be constructed on Block 106 Lot 6 within the Borough of Buena. The force main will extend from the BBMUA WWTP to the Effluent Disposal Facility along Plymouth Road North Boulevard and Weymouth - Malaga Road.

Anticipated Recipient:	Woodbine Borough		
Project No.:	S340370-01	Eligible Project Cost:	$12,630,925
Rank:	827		
County:	Cape May	Total State Amount:	$12,630,925

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.003

Project Name, Number	Priority List Rank
Woodbine Borough S340370-01 Sewage Treatment Plant (STP) - Improvement/Upgrade	827

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 Centers 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 60000 linear feet of gravity sewers to collect and transport wastewater to the upgraded STP.

Anticipated Recipient:	Weymouth Township Municipal Utilities Authority		
Project No.:	S340078-01	Eligible Project Cost:	$236,752
Rank:	828		
County:	Atlantic	Total State Amount:	$236,752

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.002257
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.002257

Project Name, Number	Priority List Rank
Weymouth Township Municipal Utilities Authority S340078-01 Pump Stations	828

County

Atlantic

Existing Population

2,257

Service Area

Weymouth Township

Need for Project

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

Project Description

The proposed project includes the replacement of equipment at the Townships pump station.

Anticipated Recipient:	Greenwich Township		
Project No.:	S340359-01	Eligible Project Cost:	$11,199,679
Rank:	829		
County:	Warren	Total State Amount:	$11,199,679

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0019
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.0019

Project Name, Number	Priority List Rank
Greenwich Township S340359-01 Water Treatment Plant/Facilities	829

County

Warren

Existing Population

1,900

Service Area

Southerly Sewer

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:	Cumberland County		
Project No.:	S340438-01	Eligible Project Cost:	$15,693,192
Rank:	830		
County:	Cumberland	Total State Amount:	$15,693,192

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001585
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.001585

Project Name, Number	Priority List Rank
Cumberland County S340438-01 Sanitary Sewer System - New	830

County

Cumberland

Existing Population

1,585

Service Area

The upland buildable footprints of Money Island, Gandys Beach and Fortescue.

Need for Project

Existing septic systems in clusters on small lots typically with on-site wells in low-lying areas with high water tables close to the Delaware Bay and its fishing, oyster and crabbing resources.

Project Description

Upgrade wastewater management in the Downe Township Delaware Bayshore communities of Money Island, Gandys Beach and Fortescue. These communities currently rely on individual on-site septic systems. An initial physical step is to construct community wastewater collection systems.

Anticipated Recipient:	Cumberland County		
Project No.:	S340438-03	Eligible Project Cost:	$15,875,000
Rank:	830		
County:	Cumberland	Total State Amount:	$15,875,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001585
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.001585

Project Name, Number	Priority List Rank
Cumberland County S340438-03 Sewage Treatment Plant (STP) - New	830

County

Cumberland

Existing Population

1,585

Service Area

Fortescue and Gandy's Beach

Need for Project

The objective of this project is to connect homes to a collection system and centralized treatment facility that would reduce the vulnerabilities of their individual sewage systems. The community currently is not serviced by a community sewage collection and treatment system. All properties have historically had private septic systems. Due to the repeated failure of these individual septic systems resulting from flooding events, the County is now interested in proceeding to connect these homes to a piped sewage collection system with central treatment facility.

Project Description

Construction of wastewater treatment plan and collection system for Fortescue and Gandys Beach.to replace existng on-site individual septic systems.

Anticipated Recipient:	Chester Borough		
Project No.:	S340876-02	Eligible Project Cost:	$1,191,434
Rank:	832		
County:	Morris	Total State Amount:	$1,191,434

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00151
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.00151

Project Name, Number	Priority List Rank
Chester Borough S340876-02 Decentralized Wastewater (or Septic) System Repair/Replacement	832

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.:	S340955-01	Eligible Project Cost:	$9,207,328
Rank:	833		
County:	Cumberland	Total State Amount:	$9,207,328

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0015
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.0015

Project Name, Number	Priority List Rank
Commercial Township S340955-01 Water Treatment Plant/Facilities	833

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 4800 L.F. of gravity main 11900 L.F. force main and all appurtenances. A new wastewater treatment facility will be constructed.

Anticipated Recipient:	Pemberton Township Municipal Utilities Authority		
Project No.:	S340649-04	Eligible Project Cost:	$1,232,571
Rank:	834		
County:	Burlington	Total State Amount:	$1,232,571

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00121
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.00121

Project Name, Number	Priority List Rank
Pemberton Township Municipal Utilities Authority S340649-04 Sewage Treatment Plant (STP) - New	834

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 communitys 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:	Little Egg Harbor Township		
Project No.:	S340579-04	Eligible Project Cost:	$1,714,000
Rank:	835		
County:	Ocean	Total State Amount:	$1,714,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.020065
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	240.020065

Project Name, Number	Priority List Rank
Little Egg Harbor Township S340579-04 Stormwater Management - Gray Infrastructure	835

County

Ocean

Existing Population

20,065

Service Area

The drainage improvements proposed impact the Mystic Island section of the Township.

Need for Project

The proposed work is necessary to improve the existing storm drainage infrastructure that is mostly comprised of corrugated metal pipe approximately 40 to 50 years old that is deteriorating and undersized to handle the contributing drainage flow. Water quality will be impacted through the potential reduction of sediment and other particulates that would normally accumulate in area properties and roadways after storm events and then drain into the existing collection system, which would ultimately be discharged into uncoded tributaries that feed Big Creek, a Category 1 waterbody according to NJDEP's Digital GeoWeb Data. Bid Creek flows into the Great Bay, which is part of the Mullica Watershed Management Area, and is adjacent to the Barnegat Bay Watershed Management Area.

Project Description

The Township proposes to replace approximately 1,500 lineal feet (LF) of existing corrugated metal drainage pipe and up to 17 drainage inlets with new drainage piping and inlets. Additionally, install up to 1,000 LF of new drainage piping and multiple inlets, as well as, approximately 5,500 square feet of in kind easement restoration and roadway restoration along West and East Mullica Roads, West and East Delaware Drives, and West Mohawk Drive edge to edge once all construction is completed.

Anticipated Recipient:	Delran Sewerage Authority		
Project No.:	S340794-06	Eligible Project Cost:	$1,220,236
Rank:	836		
County:	Burlington	Total State Amount:	$1,220,236

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.016896
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	240.016896

Project Name, Number	Priority List Rank
Delran Sewerage Authority S340794-06 Stormwater Management - Gray Infrastructure	836

County

Burlington

Existing Population

16,896

Service Area

Delran Township

Need for Project

The proposed facility will reduce runoff and siltation to the on-site stormwater system and also reduce siltation and non point source pollution.

Project Description

The project consists of the construction of a rigid metal frame building at the Delran Sewerage Uthoritys wastewater treatment plant.

Anticipated Recipient:	Hopatcong Borough		
Project No.:	S340488-06	Eligible Project Cost:	$570,013
Rank:	837		
County:	Sussex	Total State Amount:	$570,013

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.015888
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	240.015888

Project Name, Number	Priority List Rank
Hopatcong Borough S340488-06 Stormwater Management - Gray Infrastructure	837

County

Sussex

Existing Population

15,888

Service Area

Borough of Hopatcong

Need for Project

Stormater runoff in the area discharges shallow concentrated flow over existing residential septic systems. Stream testing has confirmed high levels of coliform as a result of the existing drainage patterns. The project will eliminate concentrated stormwater flow over the existing septic systems.

Project Description

The proposed project includes the installation of a new stormwater conveyance system to control erosion and divert stormwater away from septic systems.

Anticipated Recipient:	Cinnaminson Township		
Project No.:	S340170-05	Eligible Project Cost:	$647,074
Rank:	838		
County:	Burlington	Total State Amount:	$647,074

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.014595
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	240.014595

Project Name, Number	Priority List Rank
Cinnaminson Township S340170-05 Stormwater Management - Gray Infrastructure	838

County

Burlington

Existing Population

14,595

Service Area

Township of Cinnaminson

Need for Project

The proposed salt dome will reduce runoff and and siltation to the local waterways.

Project Description

This project consists of construction of an 82 foot diameter salt storage facility.

Anticipated Recipient:	Burlington City		
Project No.:	S340140-01	Eligible Project Cost:	$904,800
Rank:	839		
County:	Burlington	Total State Amount:	$904,800

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.00992
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	240.00992

Project Name, Number	Priority List Rank
Burlington City S340140-01 Stormwater Management - Gray Infrastructure	839

County

Burlington

Existing Population

9,920

Service Area

The project will serve to benefit the residents and businesses in Burlington City.

Need for Project

N/A

Project Description

The project proposes to upgrade one 60 hp and one 100 hp stormwater pump to two 125 hp stormwater pumps. The proposed improvements will comply with flood proofing measures at/or exceeding the 500-year flood event. The project will meet local floodplain management regulations.

Anticipated Recipient:	Palmyra Borough		
Project No.:	S340030-02	Eligible Project Cost:	$343,408
Rank:	840		
County:	Burlington	Total State Amount:	$343,408

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.007091
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	240.007091

Project Name, Number	Priority List Rank
Palmyra Borough S340030-02 Non-Point Source (NPS) Pollution Controls	840

County

Burlington

Existing Population

7,091

Service Area

Palmyra Borough

Need for Project

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

Project Description

The proposed project includes repairreplacement of riverwall to halt the introduction of pollutants into the Delaware River.

Anticipated Recipient:	Hightstown Borough		
Project No.:	S340915-07	Eligible Project Cost:	$479,390
Rank:	841		
County:	Mercer	Total State Amount:	$479,390

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.005494
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	240.005494

Project Name, Number
Hightstown Borough
S340915-07
Stormwater Management - Gray Infrastructure

Priority List Rank
841

County

Mercer

Existing Population

5,494

Service Area

The entire Borough of Hightstown is the service area affected by the proposed improvements.

Need for Project

The sixteen existing stormwater outfall headwalls have been in continuous use without any major repair or replacement. The headwalls are beyond repair and must be replaced in order to maintain compliance with all NJDEP and Soil Erosion and Sediment Control Standards.

Project Description

The Borough is planning to remove and replace the 16 existing stormwater outlet headwalls with concrete headwalls with the outfall structures designed to the present standards for outlet protection at the headwalls. The replacement will reduce flow velocities at the pipe outlets and the deterioration of the area around the headwalls thus reducing siltation in the waterways. Disturbance will only be within the vicinity of the existing outfall structures.

Anticipated Recipient:	Wildwood City		
Project No.:	S340664-05	Eligible Project Cost:	$15,183,000
Rank:	842		
County:	Cape May	Total State Amount:	$15,183,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.005325
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	240.005325

Project Name, Number

Wildwood City
S340664-05
Stormwater Management - Gray Infrastructure

Priority List Rank

842

County

Cape May

Existing Population

5,325

Service Area

The project is located in the City of Wildwood, Cape May County. It is bounded by Pacific Avenue on the west, the Wildwood Boardwalk on the east, Cresse Avenue on south and Montgomery Avenue on the north. The project will include installation of storm drains along portions of Pacific Avenue, Hildreth Avenue, Bennett Avenue, Leaming Avenue, Hand Avenue, Taylor Avenue, Andrews Avenue, Burk Avenue, Davis Avenue, Montgomery Avenue, Cresse Avenue, Atlantic Avenue and Ocean Avenue. These storm drains will convey surface runoff to a proposed storm water pump station located at the boardwalk street end of Leaming Avenue.

Need for Project

This project will not increase the quantity of storm water flow, this project is designed to remediate storm sewer water to make its conveyance more efficient. By installing storm drains along portions of the roadways within the project area and installing a storm water pump station, it will be possible to create roadways that will remain passable during storm and high tide events. The same amount of storm water discharge will occur, but it will now occur at a larger gallon per minute rate.

Project Description

The City of Wildwood will address stormwater issues along Pacific Avenue, from Creese Avenue to Davis Avenue. The project will include installation of storm drains to convey surface runoff to a proposed storm water pump station. The runoff will be pumped, via force main, into the Atlantic Ocean thus allowing elimination of five (5) existing malfunctioning ocean outfalls. The existing outfall sewers at the project location are approximately 440 linear feet from the mean high water level. Therefore, the City must dig out the existing outfalls each day to allow water to rise to the surface of the beach and flow over the beach to the ocean. This consumes many hours of labor and equipment costs (fuel). The proposed project, when complete, will include the removal of the five (5) existing outfalls, thus providing maintenance cost savings to the City.

Anticipated Recipient:	Tuckerton Borough		
Project No.:	S340034-04	Eligible Project Cost:	$7,708,692
Rank:	843		
County:	Ocean	Total State Amount:	$7,708,692

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.003371
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	240.003371

Project Name, Number

Tuckerton Borough
S340034-04
Non-Point Source (NPS) Pollution Controls

Priority List Rank

843

County

Ocean

Existing Population

3,371

Service Area

The Borough of Tuckerton's Waterways including, Thompson's Creek, Tuckerton Creek , Paradise Cove Lagoons (various) and Tuckerton Beach Lagoons (various).

Need for Project

The water quality-based need for the project will be satisfied by the removal of excess sediment which has built up in the waterways. The contaminate soils removal will improve water quality in the creeks, lagoons and Barnegat Bay by increasing tidal flow by eliminating stagnant water and also by exposing silted over stormwater outfall pipes. In addition to the dredging, tide valves will be installed with the stormwater conveyance system to remove tidal flow from street contaminants which will also improve water quality. The tide valves will also improve clean water by providing resiliency to the sanitary sewer system from tidal flooding. Excessively high sediment loads can smother submerged aquatic vegetation, cover shellfish beds and contribute to increased levels of nutrients. Dredge material will be used for beneficial use projects.

Project Description

The project proposal is for the dredging and removal of sediment from within the Borough Tuckerton's waterways which will improve stormwater system outfall pipe flow and reduce stagnant water from within the Tuckerton's waterways. In addition to the dredging, tide valves will be installed within the stormwater conveyance system to improve clean water flow to the bay by removing tidal flow from street contaminants. The tide valves will also improve clean water by providing resiliency to the sanitary sewer system from tidal flooding. Excessively high sediment loads can smother submerged aquatic vegetation, cover shellfish beds and contribute to increased levels of nutrients. Dredge material will be used for beneficial use projects.

Anticipated Recipient:	West Wildwood Borough		
Project No.:	S340626-05	Eligible Project Cost:	$1,890,000
Rank:	844		
County:	Cape May	Total State Amount:	$1,890,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.000603
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	240.000603

Project Name, Number	Priority List Rank
West Wildwood Borough S340626-05 Stormwater Management - Gray Infrastructure	844

County

Cape May

Existing Population

603

Service Area

The project is located on an island Borough in Cape May County. The Borough only has one bridge to allow residents and first responders access to the area. The Boroughs plan for the area is to raise all the roadway elevations and create a better flowing storm sewer system so that travelling becomes less hazardous during storm events.

Need for Project

This project will not increase quantity of storm sewer flow, this project is designed to make storm water conveyance more efficient. By regrading existing topography and adjusting slope on existing storm sewers it will be possible to create roadways that can remain passable during storm and hi tide events. The same amount of storm water discharge will occur, ultimately it will just occur at a larger gallon per minute.

Project Description

West Wildwood proposes to address the issue of standing water during abnormally hi tides and strong storm events with a multi-step program of raising the street elevations and improving storm water collection and conveyance via improved roadway pitch and an upgraded inlet configuration throughout the Borough. This project will be the first of many of this nature and will address the streets based on the priority principle. The streets for this project has had the greatest standing water in comparison to the rest of the Boroughs roadways. The project will consist of installing new inlets, storm sewer pipes, curb and their corresponding sidewalks to higher elevations and then will pave the street to match the proposed upgrades.

Anticipated Recipient:	Cranford Township		
Project No.:	S340858-04	Eligible Project Cost:	$11,795,031
Rank:	845		
County:	Union	Total State Amount:	$11,795,031

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022625
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	235.022625

Project Name, Number	Priority List Rank
Cranford Township S340858-04 Stormwater Management - Gray Infrastructure	845

County

Union

Existing Population

22,625

Service Area

Riverside Drive, Park Drive, Brookside Place, Beech Street, Willow Street. Balmiere Parkway, Crescent Place and Hampton Road.

Need for Project

This project will prevent stormwater flooding. Stormwater flooding reduces water quality by washing debris and sediment into natural waterways. Thus, this project will reduce the contamination of natural waterways with debris and sediment.

Project Description

Construction of storm sewers along Riverside Drive Park Drive Brookside Place Beech Street Willow Street. Balmiere Parkway Crescent Place and Hampton Road in order to improve drainage and prevent flooding in a drainage area of 132 acres. Construction of a 120 cfs stormwater pump station to provide drainage and prevent flooding within the previously described drainage area.

Anticipated Recipient:	Cranford Township		
Project No.:	S340858-05	Eligible Project Cost:	$190,491
Rank:	846		
County:	Union	Total State Amount:	$190,491

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022578
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	235.022578

Project Name, Number	Priority List Rank
Cranford Township S340858-05 Stormwater Management - Gray Infrastructure	846

County

Union

Existing Population

22,578

Service Area

Township of Cranford

Need for Project

This is a de-silting project at a 180 degree bend of the Rahway River. This project will reduce the river bank soil erosion along the westerly banks that abut the residential homes. Approximately 250 cubic yards of silt along a 500 linear foot stretch of the river will be tested and removed. This program will also help in cleaning the Rahway River of sediment and potential toxins. The Rahway River is a potable water source for the downstream community of Rahway and a very active recreational river for Cranford other adjoining communities.

Project Description

This is a de-silting project at a 180 degree bend of the Rahway River located between the two Eastman Street bridges. The project is located along the Rahway River in McConnell Park which is located along Eastman street between Hampton and Holly Streets. This project will reduce the river bank soil erosion along the westerly banks that abut the residential homes. Approximately 250 cubic yards of silt along a 500 linear foot stretch of the river will be tested and removed. This program will help in cleaning the Rahway River of sediment and potential toxins.

Anticipated Recipient:	Hammonton Town		
Project No.:	S340927-04	Eligible Project Cost:	$247,348
Rank:	847		
County:	Atlantic	Total State Amount:	$247,348

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.014791
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	235.014791

Project Name, Number	Priority List Rank
Hammonton Town S340927-04 Equipment Purchase (Clean Water)	847

County

Atlantic

Existing Population

14,791

Service Area

Hammonton Town

Need for Project

In accordance with the NJPDES Municipal Stormwater Regulation Program Hammonton is implementing a street-sweeping program to reduce solids and floatables from entering the storm sewer system.

Project Description

The proposed project involves the purchase of two street sweepers.

Anticipated Recipient:	Ridgefield Park Village		
Project No.:	S340688-05	Eligible Project Cost:	$30,211,486
Rank:	848		
County:	Bergen	Total State Amount:	$30,211,486

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.012824
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	235.012824

Project Name, Number	Priority List Rank
Ridgefield Park Village S340688-05 Stormwater Management - Gray Infrastructure	848

County

Bergen

Existing Population

12,824

Service Area

Bergen County Utility Authority Little Ferry Plant The Ridgefield Park Infrastructure Project consists of the development, construction, and thereafter operational management of 4 components, including a retail center, new residential units, a hotel and conference center. The project site consists of primarily of vacant land that and surplus property of the New Jersey Turnpike Authority. The land currently has limited access from the adjacent roadways. Complete access to the development will be created by the installation of $65 Million in improvements which will provide the necessary infrastructure to the site.

Need for Project

All stormwater discharges are treated for water-quality in accordance with NJDEP Stormwater Regulations

Project Description

This is the installation of Stormwater management and Sanitary Sewer lines and ancillary work for the development of the SkyMark Center development. The Stormwater management system also carries the runoff from surrounding roadways.

Anticipated Recipient:	Matawan Borough		
Project No.:	S340967-03	Eligible Project Cost:	$289,789
Rank:	849		
County:	Monmouth	Total State Amount:	$289,789

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00891
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	235.00891

Project Name, Number	Priority List Rank
Matawan Borough S340967-03 Equipment Purchase (Clean Water)	849

County

Monmouth

Existing Population

8,910

Service Area

Borough of Matawan

Need for Project

The Borough of Matawan is located in a relatvely low lying area surrounding Lake Lefferts and Matawan Lake. Periodically the Boroughs 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 maitenance 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 minimze adverse impacts on Lake Lefferts.

Anticipated Recipient:	Matawan Borough		
Project No.:	S340967-02	Eligible Project Cost:	$4,404,418
Rank:	849		
County:	Monmouth	Total State Amount:	$4,404,418

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00891
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	235.00891

Project Name, Number	Priority List Rank
Matawan Borough S340967-02 Stormwater Management - Gray Infrastructure	849

County

Monmouth

Existing Population

8,910

Service Area

Borough of Matawan

Need for Project

The Boroughs 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 solidsfloatables out of the lake.

Project Description

The proposed project includes several measures to reduce erosion and control solidsfloatables. Also included are measures to restore the Lake to its original storage capacity.

Anticipated Recipient:	Dunellen Borough		
Project No.:	S340916-03	Eligible Project Cost:	$2,599,998
Rank:	851		
County:	Middlesex	Total State Amount:	$2,599,998

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007227
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	235.007227

Project Name, Number

Dunellen Borough
S340916-03
Stormwater Management - Gray Infrastructure

Priority List Rank

851

County

Middlesex

Existing Population

7,227

Service Area

The service area for the Supplementary Railroad Culvert is the south side of the Borough of Dunellen. The Borough of Dunellen is located in Middlesex County and is bordered by the Borough of Middlesex to the southwest, Piscataway Township to the southeast, the City of Plainfield in Union County to the northeast and Green Brook Township in Somerset County to the northwest.

Need for Project

The Borough of Dunellen has a prolonged history of flood related issues on the southerly side of the Borough. The Bonygut Brook, which traverses the Borough from east to west, conveys flows through the Borough of Dunellen from Piscataway Township and ultimately discharges into the Green Brook in the Borough of Middlesex. The primary cause of flooding in the Borough has been the inadequate size of the culverts along the brook that convey flows under several roadways as well as the culverts that exist under the NJ Transit Railroad embankment on the westerly side of town. The County of Middlesex is presently advancing the design and construction of several culverts along the brook; however, the flooding will persist due to the inadequacy of the aforementioned existing railroad culverts which restrict the flows leaving the Borough. This project will supplement the existing railroad culverts in an effort to improve the flood conditions on the south side of the Borough.

Project Description

The Supplementary Railroad Culvert project is proposed as an initial flood improvement measure to address the severe and frequent flooding in the Borough of Dunellen. The project has previously been fully designed and all necessary permits have been obtained. The project generally consists of the construction of supplementary twin 72" diameter storm drainage culverts crossing the NJTRANSIT Raritan Valley Line including reinforced concrete headwalls, a reinforced concrete junction chamber with 72" flexible flanged end check valves, the installation of a precast 12 foot by 4 foot box culvert, storm drainage improvements, excavation, backfill, grading, pavement and turf restoration, riprap slope stabilization, landscape restoration and offsite riparian mitigation plantings.

Anticipated Recipient:	New Jersey Water Supply Authority		
Project No.:	S340421-01	Eligible Project Cost:	$56,800,000
Rank:	852		
County:	Somerset	Total State Amount:	$56,800,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225
III. WATER USE/WATER QUALITY POINTS		
A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	1.5
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	226.5

Project Name, Number	Priority List Rank
New Jersey Water Supply Authority S340421-01 Non-Point Source (NPS) Pollution Controls	852

County

Somerset

Existing Population

1,500,000

Service Area

The D&R Canal extends from the Delaware River at Bulls Island to the Raritan River in New Brunswick for a distance of approximately 60 miles. The 10.5 mile segment of the Canal to be dredged is located in the Delaware and Raritan Canal State Park and the project area extends from Lincoln Highway - Route 27 (Station 1862+00) to Amwell Road (Station 2406+50) in Franklin Township, Somerset County.

Need for Project

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

Project Description

Remove by dredging approximately 240,000 cubic yards of sediment from a 10 mile segment of the D&R Canal between Route 27 and Amwell Road in Franklin Township, Somerset County.

Anticipated Recipient:	Monmouth County		
Project No.:	S340788-05	Eligible Project Cost:	$923,244
Rank:	853		
County:	Monmouth	Total State Amount:	$923,244

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.553124
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.553124

Project Name, Number	Priority List Rank
Monmouth County S340788-05 Stormwater Management - Gray Infrastructure	853

County

Monmouth

Existing Population

553,124

Service Area

Monmouth County

Need for Project

Sediment build up in many of the lakes and ponds in the County has lead to poor water quality algae growth mosquito breeding odors and low oxygen levels. Many beach closings are attributable to stormwater runoff from coastal lakes. Deepening the lakes will improve habitat and increase assimilative capacity for nutrients and other pollutants.

Project Description

The proposed project includes establishment of a silt removal program including purchase of dredging equipment and implementation of other measures to restore lakes and ponds to their original storage capacity.

Anticipated Recipient:	Camden County		
Project No.:	S340525-01	Eligible Project Cost:	$792,068
Rank:	854		
County:	Camden	Total State Amount:	$792,068

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.502824
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.502824

Project Name, Number	Priority List Rank
Camden County S340525-01 Non-Point Source (NPS) Pollution Controls	854

County

Camden

Existing Population

502,824

Service Area

Heros Island in PennsuakenCherry Hill

Need for Project

Veterans 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 Islands 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		
Project No.:	S340525-02	Eligible Project Cost:	$1,693,221
Rank:	854		
County:	Camden	Total State Amount:	$1,693,221

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.502824
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.502824

Project Name, Number	Priority List Rank
Camden County S340525-02 Non-Point Source (NPS) Pollution Controls	854

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		
Project No.:	S340525-03	Eligible Project Cost:	$781,693
Rank:	854		
County:	Camden	Total State Amount:	$781,693

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.502824
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.502824

Project Name, Number	Priority List Rank
Camden County S340525-03 Non-Point Source (NPS) Pollution Controls	854

County

Camden

Existing Population

502,824

Service Area

Camden County

Need for Project

Existing water quality of Newton Lake has been degraded by undetained stormwater runoff from urbanized upstream drainage and runoff of nonpoint organic pollutants from the shoreline. Bank stabilization will create an in-line sedimentation basin for filtration of stormwater runoff and banks planted with wetland vegetation will filter nonpoint pollutant sources around the lake perimeter.

Project Description

The proposed project includes dredging of sediment from the lakebed coupled with rip rap stabilization of existing stormpipe outfalls and stabilization of eroded banks using a combination of bioengineering and structural improvements.

Anticipated Recipient:	Union County		
Project No.:	S340280-01	Eligible Project Cost:	$5,015,073
Rank:	857		
County:	Union	Total State Amount:	$5,015,073

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.49631
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.49631

Project Name, Number	Priority List Rank
Union County S340280-01 Stormwater Management - Gray Infrastructure	857

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 Dormatory 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:	Burlington County Bridge Commission		
Project No.:	S340818-05	Eligible Project Cost:	$5,962,475
Rank:	858		
County:	Burlington	Total State Amount:	$5,962,475

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.38246
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.38246

Project Name, Number	Priority List Rank
Burlington County Bridge Commission S340818-05 Stormwater Management - Gray Infrastructure	858

County

Burlington

Existing Population

382,460

Service Area

Burlington County

Need for Project

The project is being undertaken to 1. Improve storm water conveyance and stream morphology 2. Generally reduce local bank erosion around obstructions 3. Lessen the risk of damage to bridges 4. Improve recreation amenity 5. Reduce flooding impacts locally specifically for lower flow events.

Project Description

The Rancocas Creek Obstruction RemovalDesnagging project includes the removal of obstruction fields and sediment dams along 8 Rancocas Creek miles extending from Landing Street in Southampton Township to Main Street in Lumberton Township and from the Flying W Airport to Bridge Road in Lumberton Township. Overall it includes the removal of 126 obstruction fields and sediment dams. The project is being undertaken to 1. Improve water conveyance and stream morphology 2. Generally reduce local bank erosion around obstructions 3. Lessen the risk of damage to bridges 4. Improve recreation amenity 5. Reduce flooding impacts locally specifically for lower flow events.

Anticipated Recipient:	Newark City		
Project No.:	S340815-11	Eligible Project Cost:	$29,876,122
Rank:	859		
County:	Essex	Total State Amount:	$29,876,122

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	100
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.27714
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.27714

Project Name, Number	Priority List Rank
Newark City S340815-11 Remedial Action/Contaminated Site Cleanups (Brownfields)	859

County

Essex

Existing Population

277,140

Service Area

City of Newark

Need for Project

A former chemical site requires remedial measures to support brownfield development and provide significant environmental benefits. Placement of an impermeable cap along with installation of stormwater controls will ensure that rain water will not mobilize contaminates and pollute groundwater or the adjacent waterways.

Project Description

The proposed project includes demolition of existing buildings installation of an impermeable cap and cover system installation of stormwater controls. The project also includes installation of sanitary sewerage collection infrastructure to collect sewage generated from the proposed redevelopment.

Anticipated Recipient:	Atlantic County		
Project No.:	S340156-01	Eligible Project Cost:	$1,141,988
Rank:	860		
County:	Atlantic	Total State Amount:	$1,141,988

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.252552
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.252552

Project Name, Number	Priority List Rank
Atlantic County S340156-01 Stormwater Management - Gray Infrastructure	860

County

Atlantic

Existing Population

252,552

Service Area

Atlantic County

Need for Project

Vehicle wash down facility is needed to meet new storm water regulations of the State of New Jersey.

Project Description

Construction of a new vehicle wash down facility and associated site work located on the site of our existing public works and planning departments.

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-20	Eligible Project Cost:	$570,013
Rank:	861		
County:	Atlantic	Total State Amount:	$570,013

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.25
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.25

Project Name, Number	Priority List Rank
Atlantic County Utilities Authority S340809-20 Non-Point Source (NPS) Pollution Controls	861

County

Atlantic

Existing Population

250,000

Service Area

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

Need for Project

The project will reduce non-point source pollution runoff.

Project Description

The proposed project includes the construction of an outdoor stormwater receiving station designed to accept stormwater catch basin debris from local municipal governments.

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-19	Eligible Project Cost:	$1,522,661
Rank:	861		
County:	Atlantic	Total State Amount:	$1,522,661

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.25
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.25

Project Name, Number	Priority List Rank
Atlantic County Utilities Authority S340809-19 Non-Point Source (NPS) Pollution Controls	861

County

Atlantic

Existing Population

250,000

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 project will reduce non-point source pollution runoff.

Project Description

The proposed project includes construction of an outdoor cover (tarping system) to cover vegetative waste during composting.

Anticipated Recipient:	Toms River Township		
Project No.:	S340145-02	Eligible Project Cost:	$1,054,062
Rank:	863		
County:	Ocean	Total State Amount:	$1,054,062

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.091239
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.091239

Project Name, Number

Toms River Township
S340145-02
Stormwater Management - Gray Infrastructure

Priority List Rank

863

County

Ocean

Existing Population

91,239

Service Area

Township of Toms River

Need for Project

The proposed improvements will remove accumulated sediment and vegetation overgrowth and minimize ponding onto existing residential roadways reducing potential health and safety concerns via eroded roadways and standing water (mosquito breeding). The purchase of the equipment will reduce the amount of solids and floatables entering the Townships waterways.

Project Description

Drainage improvements to 5 existing areas throughout the Township to address accumulated sediment vegetation overgrowth and substandard drainage infrastructure. Locations include the Blue Sea cul-de-sac Parkside and Coolidge Avenues intersection Heritage Way Yvonne Drive and Shasta Drive intersection and the Parkside Ave and Gilford Place. The project will include drainage pipe replacement installation of additional catch basins and cleaning of existing pipes and structures in order to address pavement deterioration road hazards and health concerns associated with standing waters. The Township proposes to purchase equipment (i.e. street sweepers brush hogs jet vac truck and new ECO inlet heads) to assist in the removal of floatables and solids from the Township streets and infrastructure.

Anticipated Recipient:	Clifton City		
Project No.:	S340844-04	Eligible Project Cost:	$2,337,382
Rank:	864		
County:	Passaic	Total State Amount:	$2,337,382

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.078672
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.078672

Project Name, Number	Priority List Rank
Clifton City S340844-04 Equipment Purchase (Clean Water)	864

County

Passaic

Existing Population

78,672

Service Area

City of Clifton

Need for Project

Purchase of new street sweepers will reduce pollutants & improves water quality in receiving stream.

Project Description

Project includes the purchase of various equipment for DPW sewer & street divisions for maintenance of storm & sanitary sewers and street sweeping. The project also includes demolish of an existing obsolete building & erection of a new prefabricated vehicle storage building utilizing solar panels to supply power.

Anticipated Recipient:	Middletown Township		
Project No.:	S340097-01	Eligible Project Cost:	$3,997,392
Rank:	865		
County:	Monmouth	Total State Amount:	$3,997,392

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.066522
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.066522

Project Name, Number

Middletown Township
S340097-01
Decentralized Wastewater (or Septic) System Repair/Replacement

Priority List Rank

865

County

Monmouth

Existing Population

66,522

Service Area

Township of Middletown

Need for Project

Shadow Lake provides both natural and recreational resource to Township residents and is designated for trout production or maintenance by the NJ Water Quality Standards (N.J.A.C. 7:9B). A study by the NJ Division of Fish, Game, and Wildlife in 1994 documented 15 different fish species within the lake. In 1996 trout were reintroduced to the lake and are now regularly stocked. As a result of residential and commercial development over the past twenty years the lake has been subjected to excessive sedimentation. This sedimentation has deteriorated the lake's water quality, reduced fish populations, choked the lake banks with aquatic plants, and limited navigable areas to even small boats. Additionally, since Shadow Lake discharges into the upper reaches of the Navesink River dredging of the lake will inherently improve water quality in the Navesink River. Dredging will also reduce the frequency, or possibly eliminate the Township's need to continue using chemical herbicides to

Project Description

(Carryover SFY2015) - The proposed project includes dredging to remove approximately 150000 cubic yards of sediment from the upper portion of Shadow Lake. This will restore the lake to its original depth eliminate the swamp like conditions and lower the phosphorous concentration.

Anticipated Recipient:	Middletown Township		
Project No.:	S340097-03	Eligible Project Cost:	$147,540
Rank:	865		
County:	Monmouth	Total State Amount:	$147,540

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.066522
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.066522

Project Name, Number

Middletown Township
S340097-03
Stormwater Management - Gray Infrastructure

Priority List Rank

865

County

Monmouth

Existing Population

66,522

Service Area

Middletown Township

Need for Project

The proposed project will address health and safety concerns associated with the frequent backup of the drainage systems as well as potential hazards associated with standing waters. The addition of new inlets will also minimize erosion via the conveyance of stormwater away from the landward limits of the beach.

Project Description

The Township proposes improvements to its existing stormwater system located within the rights-of-way along North Leonard Avenue Burlington Avenue and Roop Avenue and between residential properties located on Burlington Avenue and within an earthen berm located along the landward limit of the beach adjacent to Sandy Hook Bay. Presently stormwater drains to an existing outfall pipe that is situated perpendicular to the shoreline of Sandy Hook Bay. A section of the existing 36-inch RCP pipe was destroyed during storm events in early 1990. A temporary repair to the outfall was made in 1991 by replacing the damaged section with a 24-inch diameter plastic pipe. The proposed project will permanently repair and improve the overall function of the entire system. The existing pipe will be replaced with a 48-inch RCCP outfall and timber pile bent. The outfall pipe will extend below the Mean High Water line of Sandy Hook Bay. The pipes within the rights-of-way and properties noted above will also be replaced and new manholes and inlets will be installed.

Anticipated Recipient:	Old Bridge Township		
Project No.:	S340945-12	Eligible Project Cost:	$13,000,360
Rank:	867		
County:	Middlesex	Total State Amount:	$13,000,360

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.065375
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.065375

Project Name, Number	Priority List Rank
Old Bridge Township S340945-12 Stormwater Management - Gray Infrastructure	867

County

Middlesex

Existing Population

65,375

Service Area

Old Bridge Township

Need for Project

Stormwater management and related construction are needed to ensure project meets NJ DEP and Old Bridge water quality regulations.

Project Description

The propsed project includes construction of roadway and stormwater management facilities.

Anticipated Recipient:	Gloucester Township		
Project No.:	S340364-11	Eligible Project Cost:	$1,470,871
Rank:	868		
County:	Camden	Total State Amount:	$1,470,871

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.064634
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.064634

Project Name, Number	Priority List Rank
Gloucester Township S340364-11 Stormwater Management - Gray Infrastructure	868

County

Camden

Existing Population

64,634

Service Area

The immediate service area is a small community is the southwest corner of the township. However, the consequences of flooding events have a financial impact on the entire township

Need for Project

This is a flood control project. Control of flooding will reduce the amount of sediment entering the stream.

Project Description

(Carryover SFY2015) - The purpose is to provide stormwater management along a stream that frequently floods Redwood Street. This flooding not only isolates a small community in the southwest portion of the township it also causes erosion which results in downstream water quality deterioration. The project involves a significant increase in the size of the culvert crossing, revisions to the profile of the roadway in order to raise the street above the new culvert, and improvements to the channel. All permitting has been received.

Anticipated Recipient:	Gloucester Township		
Project No.:	S340364-15	Eligible Project Cost:	$1,369,058
Rank:	868		
County:	Camden	Total State Amount:	$1,369,058

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.064634
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.064634

Project Name, Number	Priority List Rank
Gloucester Township S340364-15 Stormwater Management - Gray Infrastructure	868

County

Camden

Existing Population

64,634

Service Area

Project serves township residential areas through out the township. Gloucester Township is located in western portion of Camden County and is bounded by the Borough of Runnemede on the north, the Borough of Lindenwold, Stratford and Pine Hill on the east, Winslow Township on the south, and Deptford Township on the west. The Township consists of 23.3 square miles. Based on 2010 US Census the Township has a population of 64,634 persons and 23,566 households. The stormwater projects are within different areas of the township but also help upstream and downstream areas.

Need for Project

No significant adverse impacts on water quality or hydrology are expected as a result of the proposed projects. It is anticipated that water quality and hydrology will be improved since the projects propose to repair/reconstruct failing stormwater outfall structures and stabilize eroded areas. The reconstruction of the failing stormwater outfalls is anticipated to reduce the current erosion concerns, thereby improving surface water quality.

Project Description

Gloucester Township proposes to rehabilitate portions of the existing stormwater collection system that services many users throughout the municipality. The proposed improvements include repairs to existing stormwater outfalls leading to streams, stormwater infrastructure piping, and bank stabilization. The purpose of these projects is to replace/repair aging infrastructure, and maintain the stability of the soil near these stormwater outfalls.

Anticipated Recipient:	Plainfield Municipal Utilities Authority		
Project No.:	S340240-06	Eligible Project Cost:	$11,675,000
Rank:	870		
County:	Union	Total State Amount:	$11,675,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.049808
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.049808

Project Name, Number	Priority List Rank
Plainfield Municipal Utilities Authority S340240-06 Stormwater Management - Gray Infrastructure	870

County

Union

Existing Population

49,808

Service Area

City of Plainfield. Other customer communities of the facility include Linden, Fanwood, Scotch Plains, South Plainfield, North Plainfield and Green Brook.

Need for Project

The proposed improvements will improve the site conditions and will provide better storm water management. These activities will improve the runoff quality and will mitigate the impact on surface water.

Project Description

The project generally consists of the construction of Material Recovery Facility (MRF) at the existing Rock Avenue Transfer Station, owned and operated by the PMUA. The Material Recovery Facility will processes construction and demolition solid waste and segregates recyclable commodity materials from the waste stream. The commodity materials will be transferred to be recycled. The operation of the MRF will reduces the amount to waste disposed at landfills or processed at waste incinerators. The construction of the facility will redevelop an existing waste/soil pile to be part of the footprint of the MRF. The proposed improvements will improve the site conditions and will provide better storm water management. These activities will improve the runoff quality and will mitigate the impact on surface water. The project includes the construction of a building to house the solid waste processing equipment and operation, procurement and installation of the sorting equipment, truck scales

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Plainfield City		
Project No.:	S340240-01	Eligible Project Cost:	$103,278
Rank:	871		
County:	Union	Total State Amount:	$103,278

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.047829
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.047829

Project Name, Number	Priority List Rank
Plainfield City S340240-01 Stormwater Management - Gray Infrastructure	871

County

Union

Existing Population

47,829

Service Area

City of Plainfield

Need for Project

The proposed salt dome will cut back on runoff and siltation to the stormwater system and ultimately the local waterways. This is required to meet NJDEP stormwater management regulations.

Project Description

This project consists of construction of an 82 foot diameter salt storage facility.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Plainfield City		
Project No.:	S340240-05	Eligible Project Cost:	$60,491
Rank:	871		
County:	Union	Total State Amount:	$60,491

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.047829
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.047829

Project Name, Number	Priority List Rank
Plainfield City S340240-05 Stormwater Management - Gray Infrastructure	871

County

Union

Existing Population

47,829

Service Area

City of Plainfield

Need for Project

The proposed project will help mitigate potential erosion which would impact water quality and flood conveyance of the Green Brook.

Project Description

The proposed project includes repair of a partially failed retaining wall along the south side of the Green Brook just downstream from the Grove Street Bridge.

Anticipated Recipient:	Plainfield City		
Project No.:	S340240-03	Eligible Project Cost:	$1,343,743
Rank:	871		
County:	Union	Total State Amount:	$1,343,743

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.047829
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.047829

Project Name, Number

Plainfield City
S340240-03
Stormwater Management - Gray Infrastructure

Priority List Rank

871

County

Union

Existing Population

47,829

Service Area

City of Plainfield

Need for Project

The proposed project will help the City comply with stormwater requirements by recycling water.

Project Description

The proposed project includes construction of a municipal vehicle wash facility within the city limits to eliminate the cost of this service from an outside vendor.

Anticipated Recipient:	Evesham Municipal Utilities Authority		
Project No.:	S340838-06	Eligible Project Cost:	$2,110,000
Rank:	874		
County:	Burlington	Total State Amount:	$2,110,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.045538
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.045538

Project Name, Number

Evesham Municipal Utilities Authority
S340838-06
Sanitary Sewer System - New

Priority List Rank

874

County

Burlington

Existing Population

45,538

Service Area

Evesham Township, Burlington County, New Jersey

Need for Project

Building wll house equipment needed to maintain and repair the collection system.

Project Description

Construction of a 4,000 square foot storage building at the Elmwood Wastewater Treatment Plant. Building will house and protect equipment used by the Authority for sewer maintenance and repair.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Berkeley Township		
Project No.:	S340969-12	Eligible Project Cost:	$706,150
Rank:	875		
County:	Ocean	Total State Amount:	$706,150

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.041255
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.041255

Project Name, Number	Priority List Rank
Berkeley Township S340969-12 Stormwater Management - Gray Infrastructure	875

County

Ocean

Existing Population

41,255

Service Area

The area this project will affect is the Holiday City development, along Sunken Branch, downstream to the northern branch of Toms River, and minor benefits to Barnegat Bay.

Need for Project

The inverts of the culvert are failing and the supporting soils beneath are eroding. The replacement of these culverts will improve water quality by reducing stormwater turbidity, reduce sedimentation downstream and reduce suspended solids.

Project Description

The removal and replacement of two stormwater culverts, to reduce erosion of underlying soils and sedimentation further downstream.

Anticipated Recipient:	Berkeley Township		
Project No.:	S340969-10	Eligible Project Cost:	$773,430
Rank:	875		
County:	Ocean	Total State Amount:	$773,430

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.041255
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.041255

Project Name, Number	Priority List Rank
Berkeley Township S340969-10 Equipment Purchase (Clean Water)	875

County

Ocean

Existing Population

41,255

Service Area

Berkeley Township

Need for Project

Stormwater runoff is the most common way that nonpoint source pollution reaches local rivers creeks and lakes. Rainwater carries chemicals nutrients sediments and other forms of nonpoint source pollution into local streams if the water is not absorbed by soil and vegetation. The Townships goal with its stormwater management plan is to increase absorption of rainwater by soil and vegetation using mechanisms that reduce the velocity of flow and retain the water in natural areas.

Project Description

The proposed project includes repairs to three culverts and purchase of two pure vacuum street sweepers with broom assist.

Anticipated Recipient:	Mount Laurel Township		
Project No.:	S340943-04	Eligible Project Cost:	$10,426,744
Rank:	877		
County:	Burlington	Total State Amount:	$10,426,744

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.040221
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.040221

Project Name, Number	Priority List Rank
Mount Laurel Township S340943-04 Stormwater Management - Gray Infrastructure	877

County

Burlington

Existing Population

40,221

Service Area

Mount Laurel Township

Need for Project

Pennsauken Creek has a build up of sediment and debris which leads to flooding and sewage overflows.

Project Description

The proposed project includes dredging and debris removal from Pennsauken creek.

Anticipated Recipient:	Galloway Township		
Project No.:	S340892-07	Eligible Project Cost:	$714,452
Rank:	878		
County:	Atlantic	Total State Amount:	$714,452

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.037349
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.037349

Project Name, Number	Priority List Rank
Galloway Township S340892-07 Stormwater Management - Gray Infrastructure	878

County

Atlantic

Existing Population

37,349

Service Area

Township of Galloway

Need for Project

The water quality of Patriot Lake is deteriorating due to an inflow of excessive untreated stormwater. The project will help decrease sedimentation and pollution in the Lake. A new stormwater basin will provide treatment and groundwater recharge measures to overflows from the Lake.

Project Description

The proposed project includes construction of an infiltration and water treatment basin adjacent to Patriot Lake.

Anticipated Recipient:	Neptune Township		
Project No.:	S340410-08	Eligible Project Cost:	$1,396,910
Rank:	879		
County:	Monmouth	Total State Amount:	$1,396,910

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.034727
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.034727

Project Name, Number

Neptune Township
S340410-08
Stormwater Management - Gray Infrastructure

Priority List Rank

879

County

Monmouth

Existing Population

34,727

Service Area

Neptune Township

Need for Project

Three lakes within the Township suffer from excessive sediment deposits. Water quality will improve from removing sediment. The lakes do not settle out as they used to based on the limited volume to allow this to happen prior to discharge. There is limited if any water quality from the outfall from these lakes due to the nature of its capacity and material.

Project Description

This project consists of the dredging of all three (3) lakes within the Township. Lake Alberta which is located along Neptune Boulevard east of Highway 33 at the border with Neptune City Fletcher Lake which is located at the south end of Ocean Grove along the border of Bradley Beach and Wesley Lake which is located at the north end of Ocean Grove on the border of Asbury Park.

Anticipated Recipient:	Neptune Township		
Project No.:	S340410-07	Eligible Project Cost:	$5,308,104
Rank:	879		
County:	Monmouth	Total State Amount:	$5,308,104

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.034727
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.034727

Project Name, Number

Neptune Township
S340410-07
Stormwater Management - Gray Infrastructure

Priority List Rank

879

County

Monmouth

Existing Population

34,727

Service Area

Neptune Township

Need for Project

The existing bulkhead is severely compromised. In certain areas it is to the point that it is no longer stabilizing in some areas. Due to the current state of the bulkhead sand and soil are entering the Shark River through the bulkhead. The storm drain pipes behind the bulkhead are compromised and broken in some areas. These pipes need to be replaced and retrofitted with stormwater devices. By limiting the siltation and the runoff the nonpoint source pollution of the Shark River will be greatly decreased.

Project Description

The Shark River Marina is located adjacent to South Riverside Drive in the Shark River Hills Section of Neptune. The proposed project includes replacement of the bulkhead dredging of the channel rehabilitation of storm drainage and installation of tide flex valves and cofferdam around the existing underground storage tank.

Anticipated Recipient:	Neptune Township		
Project No.:	S340410-06	Eligible Project Cost:	$708,917
Rank:	879		
County:	Monmouth	Total State Amount:	$708,917

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.034727
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.034727

Project Name, Number

Neptune Township
S340410-06
Stormwater Management - Gray Infrastructure

Priority List Rank

879

County

Monmouth

Existing Population

34,727

Service Area

Neptune Township

Need for Project

The existing salt storage on the Public Works site is only encapsulated on three (3) sides. As part of our Stormwater Management Permit from the State a contained Salt Storage facility is required. The proposed facility will reduce runoff and siltation to the on-site stormwater system and also reduce siltation and non point source runoff to Wesley Lake. Wesley Lake is in need of maintenance dredging and construction of the salt dome will help to alleviate the ongoing need of dredging the lake by minimizing the siltation in the runoff to the lake.

Project Description

The project consists of the construction of a prefabricated salt dome at our Public Works Garage located on Heck Avenue. The proposed structure is to be sixty-one(61) feet in diameter on a ten (10) foot tall concrete base wall.

Anticipated Recipient:	Ewing Township		
Project No.:	S340397-03	Eligible Project Cost:	$185,346
Rank:	882		
County:	Mercer	Total State Amount:	$185,346

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.034185
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.034185

Project Name, Number	Priority List Rank
Ewing Township S340397-03 Stormwater Management - Gray Infrastructure	882

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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Ewing Township		
Project No.:	S340397-01	Eligible Project Cost:	$465,419
Rank:	882		
County:	Mercer	Total State Amount:	$465,419

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.034185
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.034185

Project Name, Number	Priority List Rank
Ewing Township S340397-01 Non-Point Source (NPS) Pollution Controls	882

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 solidsfloatables from entering Shabakunk Creek.

Project Description

The proposed project involves the purchase of one street sweeper and one flush truck.

Anticipated Recipient:	Monroe Township		
Project No.:	S340423-04	Eligible Project Cost:	$318,067
Rank:	884		
County:	Middlesex	Total State Amount:	$318,067

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.027999
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.027999

Project Name, Number	Priority List Rank
Monroe Township S340423-04 Equipment Purchase (Clean Water)	884

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 solidsfloatables 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.:	S340268-01	Eligible Project Cost:	$9,524,777
Rank:	885		
County:	Monmouth	Total State Amount:	$9,524,777

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.027974
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.027974

Project Name, Number	Priority List Rank
Marlboro Township S340268-01 Stormwater Management - Gray Infrastructure	885

County

Monmouth

Existing Population

27,974

Service Area

Marlboro Township

Need for Project

The Township plans to address their massive stormwater management problems that have been created over the past several decades. These improvements are needed to maintain the stormwater system and detention basins to remove debris.

Project Description

The proposed project includes stream restoration reconstruction and desiltation culvert upgrades drainage collection system improvements including water quality measures.

Anticipated Recipient:	Rahway City		
Project No.:	S340546-03	Eligible Project Cost:	$1,483,949
Rank:	886		
County:	Union	Total State Amount:	$1,483,949

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0265
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.0265

Project Name, Number	Priority List Rank
Rahway City S340546-03 Stormwater Management - Gray Infrastructure	886

County

Union

Existing Population

26,500

Service Area

City of Rahway

Need for Project

Four existing storm pump stations must be rehabilitated for them to operate at their original design flow and head pressures. A sluice gate needs to be replaced due to ongoing operation and maintenance issues. A salt dome will eliminate runoff of contamination to nearby waterways.

Project Description

The proposed project includes the upgrade of four stormwater pump stations replacement of a sluice gate and construction of a salt storage facility.

Anticipated Recipient:	Ocean Township		
Project No.:	S340750-04	Eligible Project Cost:	$1,198,294
Rank:	887		
County:	Monmouth	Total State Amount:	$1,198,294

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.025058
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.025058

Project Name, Number	Priority List Rank
Ocean Township S340750-04 Stormwater Management - Gray Infrastructure	887

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:	Maplewood Township		
Project No.:	S340283-02	Eligible Project Cost:	$5,479,091
Rank:	888		
County:	Essex	Total State Amount:	$5,479,091

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.023868
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.023868

Project Name, Number	Priority List Rank
Maplewood Township S340283-02 Stormwater Management - Gray Infrastructure	888

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:	Lower Township		
Project No.:	S340810-04	Eligible Project Cost:	$3,877,572
Rank:	889		
County:	Cape May	Total State Amount:	$3,877,572

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022866
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.022866

Project Name, Number	Priority List Rank
Lower Township S340810-04 Stormwater Management - Gray Infrastructure	889

County

Cape May

Existing Population

22,866

Service Area

The Bayshore Estates area on either side of Roseann Avenue is included in the service area. If is estimated that the existing contributory watershed to Roseann Avenue is over 145 acres in size.

Need for Project

NA

Project Description

The Roseann Avenue stormwater trunk line is 50 to 60 percent filled with debris, which undermines its ability to drain. Phase 1 and 2 of this project consists of replacement of the stormwater system from Clearwater in an east direction. Phase 3, the topic of this application, will complete this project with the replacement of 1,000 ft. of stormwater pipe and roadway reconstruction to Bayshore Road.

Anticipated Recipient:	Carteret Borough		
Project No.:	S340939-08	Eligible Project Cost:	$1,396,910
Rank:	890		
County:	Middlesex	Total State Amount:	$1,396,910

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022844
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.022844

Project Name, Number	Priority List Rank
Carteret Borough S340939-08 Stormwater Management - Gray Infrastructure	890

County

Middlesex

Existing Population

22,844

Service Area

Borough of Carteret

Need for Project

Currently the open ditch stormwater conveyances are overgrown with vegetation and silt buildup and have not been adequatly maintained. The removal of vegetation and silt build up will result in higher quantity storms being conveyed downstream to ultimate discharge point reduce stagnant water conditions prevent upstream flooding and provide overall better aesthetics in residential and commercial area.

Project Description

The project includes storm sewer rehabilitation in commercial/industrial area of Milik Street including new regional basin rehabilitation of open ditch stormwater conveyance and tv inspection and repair of existing storm sewer piping.

Anticipated Recipient:	Carteret Borough		
Project No.:	S340939-09	Eligible Project Cost:	$4,653,327
Rank:	890		
County:	Middlesex	Total State Amount:	$4,653,327

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022844
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.022844

Project Name, Number	Priority List Rank
Carteret Borough S340939-09 Decentralized Wastewater (or Septic) System Repair/Replacement	890

County

Middlesex

Existing Population

22,844

Service Area

The service area for the Borough of Carteret is the entire municipality

Need for Project

The proposed improvements are needed to reduce non-point source pollution resulting in an overtaxed infrastructure system adjacent to Noes Creek and the Arthur Kill areas, as well as, providing resiliency against future storm events in an area that was impacted by Superstorm Sandy.

Project Description

(Carryover SFY2015) - The project consists of construction of a new stormwater pump station and detention basin in the Noe Street drainage area. The project includes replacement of stormwater collection piping and inlets a force main an outfall and tide gates.

Anticipated Recipient:	Medford Township		
Project No.:	S340346-02	Eligible Project Cost:	$4,784,482
Rank:	892		
County:	Burlington	Total State Amount:	$4,784,482

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022253
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.022253

Project Name, Number	Priority List Rank
Medford Township S340346-02 Stormwater Management - Gray Infrastructure	892

County

Burlington

Existing Population

22,253

Service Area

Medford Township

Need for Project

The Birchwood Lakes and Blue Lake are essential to Medfords storm drainage system and flood control. Sediment needs to be removed to restore proper storm drainage. The bulkhead reduces the amount of sediment that builds up in the lakes and without it sediment and debris is flowing into the lakes and downstream.

Project Description

The proposed project includes removal of sediment and debris from the lakes and replacementrepair of bulkheads to reduce erosion and control solidsfloatables.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Hillside Township		
Project No.:	S340906-04	Eligible Project Cost:	$748,257
Rank:	893		
County:	Union	Total State Amount:	$748,257

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.02137
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.02137

Project Name, Number	Priority List Rank
Hillside Township S340906-04 Stormwater Management - Gray Infrastructure	893

County

Union

Existing Population

21,370

Service Area

Township of Hillside

Need for Project

The stormwater management project will address a major flooding problem and curtail the release of pollutants to local waterways.

Project Description

This proposed project includes construction of a stormwater management system in Liberty Avenue Hillside Avenue and Shelton Terrace with an underground detention system at the Sanford Field Municipal Complex.

Anticipated Recipient:	Hazlet Township		
Project No.:	S340968-03	Eligible Project Cost:	$140,163
Rank:	893		
County:	Monmouth	Total State Amount:	$140,163

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0

II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.021378
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.021378

Project Name, Number	Priority List Rank
Hazlet Township S340968-03 Stormwater Management - Gray Infrastructure	893

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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Hazlet Township		
Project No.:	S340968-02	Eligible Project Cost:	$416,419
Rank:	893		
County:	Monmouth	Total State Amount:	$416,419

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.021378
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.021378

Project Name, Number	Priority List Rank
Hazlet Township S340968-02 Stormwater Management - Gray Infrastructure	893

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 stormwaternps management.

Anticipated Recipient:	Mount Olive Township		
Project No.:	S340537-05	Eligible Project Cost:	$1,266,579
Rank:	896		
County:	Morris	Total State Amount:	$1,266,579

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.021282
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.021282

Project Name, Number	Priority List Rank
Mount Olive Township S340537-05 Stormwater Management - Gray Infrastructure	896

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:	Dumont Borough		
Project No.:	S340922-05	Eligible Project Cost:	$4,784,482
Rank:	897		
County:	Bergen	Total State Amount:	$4,784,482

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.017503
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.017503

Project Name, Number	Priority List Rank
Dumont Borough S340922-05 Stormwater Management - Gray Infrastructure	897

County

Bergen

Existing Population

17,503

Service Area

Borough of Dumont

Need for Project

Various flood control improvements within the White Beeches Berkeley Place and Roosevelt Avenue sections of the Borough that discharge into the Oradell Reservoir and Hirschfeld Brook drainage basins. Proposed improvements include replacement of undersized piping and inlets cleaning of existing piping and structures cleaning and re-profiling of existing ponds and culverts at an existing Golf Course and installation of additional piping and inlets.

Project Description

The existing drainage systems are severely undersized and silted causing frequent flooding resulting in an eroding drainage system and stormwater pollution that discharges into the Oradell Reservoir and Hirschfeld Brook.

Anticipated Recipient:	Princeton		
Project No.:	S340656-10	Eligible Project Cost:	$2,068,160
Rank:	898		
County:	Mercer	Total State Amount:	$2,068,160

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.016265
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.016265

Project Name, Number

Princeton
S340656-10
Stormwater Management - Gray Infrastructure

Priority List Rank

898

County

Mercer

Existing Population

16,265

Service Area

This project will serve the population of Princeton. It will also serve the population of Montgomery Township, which is not taken into account in the above provided borrower population served by the project.

Need for Project

This project is a stormwater project, which will potentially improve the water quality of the adjacent stream, Cherry Run.

Project Description

Princeton and Montgomery Twp are jointly proposing stormwater improvements on a 2,400' section of Cherry Valley Road from west of Cherry Hill Road to the Mercer County Bridge. The existing roadway drainage system consists of undersized roadside ditches, which pose hazards to the motorists and significant barriers to pedestrians. Two existing outfalls carry stormwater under Cherry Valley Road to Cherry Run stream located on the south side of the road. The outfalls lack proper outlet protection to reduce the exit velocity. A new drainage system will replace the roadside ditches and safely convey stormwater to Cherry Run utilizing existing outfall locations. New outlet protections are proposed for the outfalls. A new manufactured treatment device is proposed for water quality purposes. In addition, roadway improvements will include widening the pavement from 20' to 34'; new curbing on both sides; new retaining walls; and new 6' wide porous asphalt walking path on south side of the road.

Anticipated Recipient:	Hammonton Town		
Project No.:	S340927-09	Eligible Project Cost:	$1,773,507
Rank:	899		
County:	Atlantic	Total State Amount:	$1,773,507

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.014791
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.014791

Project Name, Number	Priority List Rank
Hammonton Town S340927-09 Sanitary Sewer System Rehabilitation	899

County

Atlantic

Existing Population

14,791

Service Area

Valley Avenue is a residential street. A portion of Broadway will also be completed.

Need for Project

Older vitrified clay and related structures in need of replacement due to deterioration and infiltration.

Project Description

The segment of the Towns combined infrastructure that is the subject of this application serves the area adjacent to a 4600 LF section of Valley Avenue extending from Central Avenue (Atlantic County Route 542) to Bellevue Avenue (NJSHW Route 54) inclusive of a 900 LF segment of Broadway extending south from Valley Avenue to Central Avenue (Atlantic County Route 542).

Anticipated Recipient:	Berkeley Heights Township		
Project No.:	S340385-03	Eligible Project Cost:	$500,308
Rank:	900		
County:	Union	Total State Amount:	$500,308

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.013407
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.013407

Project Name, Number	Priority List Rank
Berkeley Heights Township S340385-03 Stormwater Management - Gray Infrastructure	900

County

Union

Existing Population

13,407

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 greaseoil 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:	Highland Park Borough		
Project No.:	S340938-02	Eligible Project Cost:	$479,390
Rank:	901		
County:	Middlesex	Total State Amount:	$479,390

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.013279
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.013279

Project Name, Number	Priority List Rank
Highland Park Borough S340938-02 Stormwater Management - Gray Infrastructure	901

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:	Ringwood Borough		
Project No.:	S340157-01	Eligible Project Cost:	$465,419
Rank:	902		
County:	Passaic	Total State Amount:	$465,419

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.012396
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.012396

Project Name, Number	Priority List Rank
Ringwood Borough S340157-01 Equipment Purchase (Clean Water)	902

County

Passaic

Existing Population

12,396

Service Area

Borough of Ringwood

Need for Project

The need for the new vac truck is to clean all storm inlets pipes easements etc. This is required so the drainage facilities are in proper working condition. It is also required by the new stormwater regulations. The need for the new street sweeper is to sweep all municipal streets of winter road grits and materials leaves and other miscellaneous debris. This will help prevent sediment build up in our lakes and streams.

Project Description

The proposed project includes the purchase a new vac truck to assist in cleaning storm inlets piping easements etc. Also included is purchase a new street sweeper to sweep winter products leaves debris etc from all municipal streets.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	New Providence Borough		
Project No.:	S340474-01	Eligible Project Cost:	$180,000
Rank:	903		
County:	Union	Total State Amount:	$180,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.011907
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.011907

Project Name, Number	Priority List Rank
New Providence Borough S340474-01 Equipment Purchase (Clean Water)	903

County

Union

Existing Population

11,907

Service Area

Borough of New Providence

Need for Project

The Borough needs a hydraulic storm drain cleaner device so that storm sewer inlets can be cleaned more frequently to help prevent contamination of local waterways.

Project Description

The proposed project is for the purchase of a hydraulic storm drain cleaner device.

Anticipated Recipient:	Hasbrouck Heights Borough		
Project No.:	S340329-02	Eligible Project Cost:	$6,614,815
Rank:	904		
County:	Bergen	Total State Amount:	$6,614,815

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.011662
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.011662

Project Name, Number	Priority List Rank
Hasbrouck Heights Borough S340329-02 Stormwater Management - Gray Infrastructure	904

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 greaseoil 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:	Beachwood Borough		
Project No.:	S340208-01	Eligible Project Cost:	$416,419
Rank:	905		
County:	Ocean	Total State Amount:	$416,419

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.011045
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.011045

Project Name, Number	Priority List Rank
Beachwood Borough S340208-01 Stormwater Management - Gray Infrastructure	905

County

Ocean

Existing Population

11,045

Service Area

Borough of Beachwood

Need for Project

This project is for stormwater controls to improve water quality.

Project Description

The proposed project includes construction of approximately 1100 linear feet of stormwater and drainage infrastructure to encourage groundwater recharge in the watershed.

Anticipated Recipient:	Waterford Township		
Project No.:	S340163-02	Eligible Project Cost:	$500,308
Rank:	906		
County:	Camden	Total State Amount:	$500,308

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01094
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.01094

Project Name, Number	Priority List Rank
Waterford Township S340163-02 Non-Point Source (NPS) Pollution Controls	906

County

Camden

Existing Population

10,940

Service Area

Waterford Township

Need for Project

The project is required for indoor storage and maintenance of vehicles and salt storage as required by stormwater management practices.

Project Description

The proposed project includes construction of a 60X120 garage expansion and 40X40 salt storage building including related site improvements.

Anticipated Recipient:	Little Falls Township		
Project No.:	S340716-06	Eligible Project Cost:	$1,163,975
Rank:	907		
County:	Passaic	Total State Amount:	$1,163,975

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.010855
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.010855

Project Name, Number	Priority List Rank
Little Falls Township S340716-06 Stormwater Management - Gray Infrastructure	907

County

Passaic

Existing Population

10,855

Service Area

Little Falls Township

Need for Project

The Fairfield Avenue Stormwater Pump Station suffers from inadequate pumping capacity the existing elevation of the pump station operating floor is below flood level and modifications to the collection system immediately adjacent to the pump station are required. The proposed project will assist in the prevention of street flooding will protect the Fairfield Avenue Stormwater Pump Station and its equipment from flooding reduce station maintenance and provide for increased capacity and redundancy and adequate emergency power.

Project Description

The Township intends to complete improvements to the Fairfield Avenue Stormwater Pump Station including elevating the pump room floor adding additional pumping capacity with standby power modifications to the collection system immediately adjacent to the stormwater pump station and the addition of an automatic trash rack for debris.

Anticipated Recipient:	Little Falls Township		
Project No.:	S340716-05	Eligible Project Cost:	$1,235,996
Rank:	907		
County:	Passaic	Total State Amount:	$1,235,996

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.010855
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.010855

Project Name, Number	Priority List Rank
Little Falls Township S340716-05 Stormwater Management - Gray Infrastructure	907

County

Passaic

Existing Population

10,855

Service Area

Little Falls Township

Need for Project

This project will provide collection pumping and discharge of stormwater that currently floods local streets and contributes to basement flooding. The project will prevent flood waters from seeping into sanitary sewer manholes and potential impacts on downstream pump stations and combined sanitary overflows.

Project Description

The proposed project improvements to the stormwater system include new collection system pipe work a new 5000 gpm pump station and a force main with outfall to the Passaic river.

Anticipated Recipient:	Somers Point City		
Project No.:	S340618-04	Eligible Project Cost:	$1,054,749
Rank:	909		
County:	Atlantic	Total State Amount:	$1,054,749

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.010795
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.010795

Project Name, Number	Priority List Rank
Somers Point City S340618-04 Stormwater Management - Gray Infrastructure	909

County

Atlantic

Existing Population

10,795

Service Area

Somers Point City

Need for Project

During rainstorms with moderate precipitation the system is overloaded with the amount of water that it receives and flooding occurs causing contaminants to collect and deposit.

Project Description

The proposed project for stormwater improvements along Bethel Road includes replacement of undersized stormwater main installation of an outfall and installation of a stormwater pump station.

Anticipated Recipient:	Somers Point City		
Project No.:	S340618-02	Eligible Project Cost:	$5,203,507
Rank:	909		
County:	Atlantic	Total State Amount:	$5,203,507

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.010795
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.010795

Project Name, Number	Priority List Rank
Somers Point City S340618-02 Stormwater Management - Gray Infrastructure	909

County

Atlantic

Existing Population

10,795

Service Area

N/A

Need for Project

During rainstorms with moderate precipitation, the system is overloaded with the amount of water that it receives and flooding occurs along Jordan Road causing contaminants to collect and deposit

Project Description

(Carryover SFY2015) - The proposed project includes stormwater improvements installation of a pump station and installation of tidal check valves.

Anticipated Recipient:	Somers Point City		
Project No.:	S340618-03	Eligible Project Cost:	$1,122,734
Rank:	909		
County:	Atlantic	Total State Amount:	$1,122,734

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.010795
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.010795

Project Name, Number	Priority List Rank
Somers Point City S340618-03 Stormwater Management - Gray Infrastructure	909

County

Atlantic

Existing Population

10,795

Service Area

Somers Point City

Need for Project

During rainstorms with moderate precipitation the system is overloaded with the amount of water that it receives and flooding occurs causing contaminants to collect and deposit.

Project Description

The proposed project includes stormwater improvements along Exton Road including replacement of undersized stormwater main installation of a new outfall and construction of a stormwater pump station.

Anticipated Recipient:	Mount Holly Township		
Project No.:	S340817-05	Eligible Project Cost:	$169,048
Rank:	912		
County:	Burlington	Total State Amount:	$169,048

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.010728
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.010728

Project Name, Number	Priority List Rank
Mount Holly Township S340817-05 Stormwater Management - Gray Infrastructure	912

County

Burlington

Existing Population

10,728

Service Area

Mount Holly Township

Need for Project

Upper Buttonwood and Wolman Lakes are eutrophic they are all enriched with excess nutrients that can stimulate blooms of algea and plants knocking out the ecosystem.

Project Description

The project includes restoration of Upper Buttonwood and Wolman Lakes.

Anticipated Recipient:	Ventnor City		
Project No.:	S340667-03	Eligible Project Cost:	$1,396,554
Rank:	913		
County:	Atlantic	Total State Amount:	$1,396,554

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01065
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.01065

Project Name, Number

Ventnor City
S340667-03
Non-Point Source (NPS) Pollution Controls

Priority List Rank

913

County

Atlantic

Existing Population

10,650

Service Area

This project includes installation of thirty-six check valves on various locations along the back-bay section of the City. This project is designed to make the stormwater system more resilient, do reduce tidal flooding and to protect public infrastructure and private investments in the area. Without properly functioning check valves tidal water can back up into the City, complicating the impacts of a high tide, storm event.

Need for Project

This system is designed to protect public infrastructure and private investments from impacts caused by stormwater flooding and mitigate against future damage to streets, homes, sewer systems, water systems, and other utilities. This project sites consist of well-established neighborhoods that has witnessed frequent flooding and significant impacts from Superstorm Sandy.

Project Description

(Carryover SFY2015) - This project includes installation of flood walls in various locations along the back-bay section of the City. This project is designed to make the stormwater system more resilient and to protect public infrastructure and private investments in the area. The flood walls are currently in poor condition complicating the impacts of a high tide storm event. New flood walls are planned for Winchester Avenue (Lily Park) between Little Rock Avenue & Victoria Avenue - 235 LF. $364240 Winchester Avenue between Marion Avenue & Austin Avenue - 145 LF. $224750 Ventnor Gardens Plaza at Wissahickon Avenue - 165 LF. $255750 Sacramento Avenue street end off Monmouth Avenue - 50 LF. $77500 Derby Avenue street end at Winchester Avenue - 50 LF. $77500

Anticipated Recipient:	Keansburg Borough		
Project No.:	S340118-03	Eligible Project Cost:	$1,847,907
Rank:	914		
County:	Monmouth	Total State Amount:	$1,847,907

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.010105
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.010105

Project Name, Number	Priority List Rank
Keansburg Borough S340118-03 Stormwater Management - Gray Infrastructure	914

County

Monmouth

Existing Population

10,105

Service Area

Keansburg Borough

Need for Project

The Borough will install a gritsediment chamber in conjunction with each pumping station to improve the quality of storm water that is currently being discharged into the Raritan Bay.

Project Description

The Borough is requesting funds to install mechanical pumping stations at two (2) of the six (6) existing outfalls The Bayview Avenue Pumping Station and the Twilight Avenue Pumping Station.

Anticipated Recipient:	Brigantine City		
Project No.:	S340827-05	Eligible Project Cost:	$4,420,173
Rank:	915		
County:	Atlantic	Total State Amount:	$4,420,173

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00945
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.00945

Project Name, Number	Priority List Rank
Brigantine City S340827-05 Decentralized Wastewater (or Septic) System Repair/Replacement	915

County

Atlantic

Existing Population

9,450

Service Area

1. New Lighthouse Circle Stormwater Pump Station – 34th Street and Bayshore Avenue. This pump will serve a drainage area that includes portions of Brigantine Boulevard, the only access route off of the island. 2. New Hackney Place Stormwater Pump Station – to be located off of West Shore Drive in the Golf Course Section of the City. 3. New Pump Station at Jenkins Parkway, 12th Street North.

Need for Project

This system is designed to protect public infrastructure and private investments from impacts caused by stormwater flooding and mitigate against future damage to streets, homes, sewer systems, water systems, and other utilities. This project sites are well-established neighborhood that has witnessed frequent flooding and significant impacts from Superstorm Sandy

Project Description

(Carryover SFY2015) - Three additional stormwater management projects are proposed in this application. Each of the pump stations described below will include an Emergency Generator to insure operation during electric power outages 1. New Lighthouse Circle Stormwater Pump Station - 34th Street and Bayshore Avenue. This pump will serve a drainage area that includes portions of Brigantine Boulevard the only access route off of the island. 2. New Hackney Place Stormwater Pump Station - to be located off of West Shore Drive in the Golf Course Section of the City. 3. New Pump Station at Jenkins Parkway 12th Street North. This project is designed to improve and protect groundwater as well as providing for a functional stormwater systems. The project includes a pump station and emergency generator to service the stormwater needs of this area along with water proofing the boat ramp which is at elevation 7 ft. Flood gates will provide this protection. Also planned is the elevation of the boat ramp apron and Bayshore Avenue to reduce flooding. Currently the outlet structure that serves the Ocean Drive and Lagoon Boulevard section of the Inlet area of the City is totally clogged and non-functional. The current 60 outfall pipe is buried and the system no longer functions as designed. It is estimated that the current system operates at or near 25 capacity resulting in localized flooding. This project calls for a new outlet system to be designed that will reroute stormwater within the Seaport Area Drainage Basin to a new outfall. This project includes 1. 12th Street North Stormwater Project - Located on the far northern section of the City. The plan includes raise 12th Street North. The elevation of 12th Street North is specifically included in the County AHMP. 2. Evans Boulevard Stormwater Project - E Evans Boulevard intersects 12th Street North at a 90 degree angle. The improvements on this street include installing 1800 LF of piping along E Evans Boulevard to 12 Street North. The planned pipe system is specifically included in the County AHMP.

Anticipated Recipient:	Brigantine City		
Project No.:	S340827-06	Eligible Project Cost:	$873,263
Rank:	915		
County:	Atlantic	Total State Amount:	$873,263

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00945
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.00945

Project Name, Number	Priority List Rank
Brigantine City S340827-06 Decentralized Wastewater (or Septic) System Repair/Replacement	915

County

Atlantic

Existing Population

9,450

Service Area

This system is designed to improve flood and stormwater control throughout the northern section of Brigantine.

Need for Project

By having a properly functioning stormwater system, the silt traps within the catch basins will capture materials that should not be discharged from the system resulting in water quality improvements.

Project Description

(Carryover SFY2015) - This project will provide for the removal of accumulated sand from municipal drainage basins in the Golf Course Section of the City of Brigantine. The Golf Course Section of the City was significantly flooded by Superstorm Sandy and silts and sand washed into the underground drainage system. This project is designed to improve and protect groundwater as well as providing for a functional stormwater systems.

Anticipated Recipient:	Brigantine City		
Project No.:	S340827-07	Eligible Project Cost:	$999,476
Rank:	915		
County:	Atlantic	Total State Amount:	$999,476

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00945
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.00945

Project Name, Number	Priority List Rank
Brigantine City S340827-07 Non-Point Source (NPS) Pollution Controls	915

County

Atlantic

Existing Population

9,450

Service Area

N/A

Need for Project

N/A

Project Description

(Carryover SFY2015) - This project will include replacement of various deteriorated timber bulkheads with vinyl bulkheads and installation of new bulkheads raised to the elevation to 9 ft.

Anticipated Recipient:	River Vale Township		
Project No.:	S340188-01	Eligible Project Cost:	$1,191,434
Rank:	918		
County:	Bergen	Total State Amount:	$1,191,434

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.009449
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.009449

Project Name, Number	Priority List Rank
River Vale Township S340188-01 Stormwater Management - Gray Infrastructure	918

County

Bergen

Existing Population

9,449

Service Area

Township of River Vale

Need for Project

The Township of River Vale is situated within an area which is critical to public drinking water supply. The Township borders on two reservoirs - Lake Tappan and Oradell Reservoir and has several class one rivers and tributaries within its boundaries (Hackensack River Pascack Brook). The Townships storm sewer system discharges directly into these critical waterbodies. The installation of these compliant castings will greatly reduce the volume of trash and floatables entering the public drinking water systems.

Project Description

The proposed project includes the replacement of the existing salt storage facility with a new upgraded facility sized to store 300 to 350 ton capacity. The project also includes minor site restoration as needed around the new facility and replacement of storm water inlet head pieces non-compliant Phase II Stormwater regulation.

Anticipated Recipient:	Millstone Township		
Project No.:	S340126-01	Eligible Project Cost:	$360,245
Rank:	919		
County:	Monmouth	Total State Amount:	$360,245

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00897
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.00897

Project Name, Number	Priority List Rank
Millstone Township S340126-01 Non-Point Source (NPS) Pollution Controls	919

County

Monmouth

Existing Population

8,970

Service Area

Millstone Township

Need for Project

To comply with the good housekeeping section of the Millstone Township Stormwater Pollution Prevention Plan and to eliminate nonpoint source pollution Millstone proposes to build a truck washing facility designed to allow 100 recycling of water runoff. This process will eliminate truck detergents that conain phosphates from discharging into the local watershed.

Project Description

The proposed project includes construction of a truck washing facility for the Department of Public Works.

Anticipated Recipient:	Byram Township		
Project No.:	S340569-03	Eligible Project Cost:	$218,940
Rank:	920		
County:	Sussex	Total State Amount:	$218,940

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0087
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.0087

Project Name, Number	Priority List Rank
Byram Township S340569-03 Equipment Purchase (Clean Water)	920

County

Sussex

Existing Population

8,700

Service Area

Township of Byram

Need for Project

Several of Byram Townships 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:	Byram Township		
Project No.:	S340569-04	Eligible Project Cost:	$186,919
Rank:	920		
County:	Sussex	Total State Amount:	$186,919

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0087
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.0087

Project Name, Number	Priority List Rank
Byram Township S340569-04 Stormwater Management - Gray Infrastructure	920

County

Sussex

Existing Population

8,700

Service Area

Township of Byram

Need for Project

The Township of Byram is pursuing the construction of this wash facility to allow for the washing of municipal trucks police vehicles and equipment in a manner that will eliminate runoff into environmentally sensitive areas (wetlands and a Category 1 stream) located in close proximity to the municipal complex. This facility will also provide measures that will ensure that highly corrosive salt materials do not enter into the existing sanitary sewer system during winter months when de-icing activities occur. When completed this facility will provide the Township with a project which truly promotes water quality and meets the requirements of the Townships Tier A Municipal Stormwater General Permit.

Project Description

The project will consist of the construction of a vehicle washing facility at the Byram Township municipal complex. The facility will include the construction of an enclosed wash structure a concrete floor with floor drains an underground oilgritwater separator and piping to connect into existing water and sewer systems. Valve controls will also be an integral part of the project to eliminate flows into the existing sewer system during the winter months when highly corrosive salt material is present.

Anticipated Recipient:	Edgewater Park Township		
Project No.:	S340166-01	Eligible Project Cost:	$2,049,114
Rank:	922		
County:	Burlington	Total State Amount:	$2,049,114

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008388
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.008388

Project Name, Number	Priority List Rank
Edgewater Park Township S340166-01 Stormwater Management - Gray Infrastructure	922

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 greaseoil 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.:	S340265-01	Eligible Project Cost:	$360,245
Rank:	923		
County:	Morris	Total State Amount:	$360,245

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008347
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.008347

Project Name, Number	Priority List Rank
Boonton Town S340265-01 Stormwater Management - Gray Infrastructure	923

County

Morris

Existing Population

8,347

Service Area

Town of Boonton

Need for Project

The Towns 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:	Spotswood Borough		
Project No.:	S340510-01	Eligible Project Cost:	$2,164,568
Rank:	924		
County:	Middlesex	Total State Amount:	$2,164,568

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008257
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.008257

Project Name, Number	Priority List Rank
Spotswood Borough S340510-01 Stormwater Management - Gray Infrastructure	924

County

Middlesex

Existing Population

8,257

Service Area

Brookwood Road, Landvale Road, Woodland Road, Brookside Road and Red Bank Road

Need for Project

The Borough's proposal is to repair and/or upgrade the sanitary sewer collection system, have a storm sewer system installed and to install a new roadway pavement with concrete curbs.

Project Description

The project consists of stormwater management collection system improvements, sanitary sewer collection system improvements, installation of curb, roadway widening and reconstruction for the Cottage Streets Area in Spotswood, New Jersey.

Anticipated Recipient:	Bogota Borough		
Project No.:	S340914-02	Eligible Project Cost:	$430,399
Rank:	925		
County:	Bergen	Total State Amount:	$430,399

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00802
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.00802

Project Name, Number	Priority List Rank
Bogota Borough S340914-02 Stormwater Management - Gray Infrastructure	925

County

Bergen

Existing Population

8,020

Service Area

Borough of Bogota

Need for Project

The Borough of Bogota is bordered by the Hackensack River a Class One waterway on its entire western boundary. The Boroughs topography is such that its entire storm water collection system discharges directly into the Hackensack River. This project will greatly reduce the amount of debris and floatables which currently enter the system through the non-compliant inlets.

Project Description

The project includes the purchase of a combined sewer vacuum and jet truck.

Anticipated Recipient:	Bogota Borough		
Project No.:	S340914-03	Eligible Project Cost:	$6,614,815
Rank:	925		
County:	Bergen	Total State Amount:	$6,614,815

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00802
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.00802

Project Name, Number	Priority List Rank
Bogota Borough S340914-03 Stormwater Management - Gray Infrastructure	925

County

Bergen

Existing Population

8,020

Service Area

Borough of Bogota

Need for Project

The existing drainage system is silted and undersized causing frequent flooding resulting in stormwater pollution. The Hackensack River is adjacent to the area of concern and receives all drainage and sediment pollution caused by the ineffective drainage system.

Project Description

Construction of a stormwater pump station on a property located off of River Road to alleviate flooding and soil erosion problems. Other improvements also include installation of a force main discharging into the Hackensack River cleaning and stabilization of an existing ditch cleaning of drainage piping and inlets repair of the River Road culvert and installation of additional piping and inlets.

Anticipated Recipient:	Richard Stockton College		
Project No.:	S340146-04	Eligible Project Cost:	$1,201,038
Rank:	927		
County:	Atlantic	Total State Amount:	$1,201,038

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0079
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.0079

Project Name, Number	Priority List Rank
Richard Stockton College S340146-04 Stormwater Management - Gray Infrastructure	927

County

Atlantic

Existing Population

7,900

Service Area

Richard Stockton College

Need for Project

The existing spillways control the water levels in Upper Lake and Cedick Run Lake located upstream of Lake Fred. These lakes provide habitat for threatened and endangered species. The loss of spillways will degrade the delicate ecosystem and possibly the necessary habitat for many species of plants animals and aquatic life.

Project Description

The proposed project includes reconstruction of three concrete spillways two timber overflow structures and one corrugated metal culvert.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Wood-Ridge Borough		
Project No.:	S340239-01	Eligible Project Cost:	$646,771
Rank:	928		
County:	Bergen	Total State Amount:	$646,771

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007644
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.007644

Project Name, Number	Priority List Rank
Wood-Ridge Borough S340239-01 Stormwater Management - Gray Infrastructure	928

County

Bergen

Existing Population

7,644

Service Area

Wood-Ridge Borough

Need for Project

Water quality is improved by the project by efficiently directing storm water (gutter flow) to the existing storm drainage system. Under existing conditions the isolated catch basins are subject to fetid conditions that promote mosquito breeding. The Borough routinely vacuums the isolated catch basins. On-Street water pooling will be addressed by installing catch basins at points that have chronic standing water.

Project Description

The Borough of Wood-Ridge seeks to install andor attach catch basins to the existing storm drainage system at various locations. The six (6) locations have been identified by the Borough as poorly drained.

Anticipated Recipient:	Keyport Borough		
Project No.:	S340267-01	Eligible Project Cost:	$360,245
Rank:	929		
County:	Monmouth	Total State Amount:	$360,245

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007586
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.007586

Project Name, Number	Priority List Rank
Keyport Borough S340267-01 Stormwater Management - Gray Infrastructure	929

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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Cresskill Borough		
Project No.:	S340374-01	Eligible Project Cost:	$444,422
Rank:	930		
County:	Bergen	Total State Amount:	$444,422

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00756
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.00756

Project Name, Number	Priority List Rank
Cresskill Borough S340374-01 Stormwater Management - Gray Infrastructure	930

County

Bergen

Existing Population

7,560

Service Area

Borough of Cresskill (Magnolia Avenue Area)

Need for Project

The Magnolia Avenue area does not drain properly during wet weather events.

Project Description

The proposed project includes the installation of a new drainage system including the removal and replacement of existing pavement curbs and other amenities.

Anticipated Recipient:	Westampton Township		
Project No.:	S340105-01	Eligible Project Cost:	$289,789
Rank:	931		
County:	Burlington	Total State Amount:	$289,789

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007217
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.007217

Project Name, Number	Priority List Rank
Westampton Township S340105-01 Equipment Purchase (Clean Water)	931

County

Burlington

Existing Population

7,217

Service Area

Township of Westampton

Need for Project

Runoff from streets carries debris and contaminants which eventually pass through the storm sewer system and into the surrounding waterways. The Township is concerned with the non-point source pollution problem and believes this problem can be reduced through increased streetsweeping.

Project Description

The proposed project involves the purchase of a street sweeper to clean debris and contaminates from roadways to minimze adverse impacts on local waterways.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Linwood City		
Project No.:	S340217-01	Eligible Project Cost:	$937,026
Rank:	932		
County:	Atlantic	Total State Amount:	$937,026

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007172
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.007172

Project Name, Number

Linwood City
S340217-01
Stormwater Management - Gray Infrastructure

Priority List Rank

932

County

Atlantic

Existing Population

7,172

Service Area

City of Linwood

Need for Project

Over time sediment and suspended solids discharge into water bodies lead to the water body becoming shallow. When this occurs it has negative affects on the health of the water body by leaving it susceptible to algae growth which effects other species of the plant and animal life in the water body. The proposed project is essential to the long term future health of three ponds which in turn has a positive net impact on the health and well being of the general public specifically to those residents and business in the immediate vicinity of the ponds one of which is located partially on a school site.

Project Description

This water quality project includes the construction and installation of storm water sediment removal devices upstream of six outfall structures at the three different ponds in the City of Linwood. The filters will remove sediment and suspended solids from stormwater runoff prior to it entering the water bodies. The project is designed and will be built in accordance with current New Jersey Storm water Regulations. The intent of the project is to eliminate sediment and suspended solids from entering the ponds from the City streets. The project will also include the retrofitting and or reconstruction of all storm water catch basinsinlets (which ultimately discharge to the ponds) to meet current NJ stormwater regulations.

Anticipated Recipient:	Paulsboro Borough		
Project No.:	S340164-01	Eligible Project Cost:	$2,236,978
Rank:	933		
County:	Gloucester	Total State Amount:	$2,236,978

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.006097
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.006097

Project Name, Number

Paulsboro Borough
S340164-01
Stormwater Management - Gray Infrastructure

Priority List Rank

933

County

Gloucester

Existing Population

6,097

Service Area

The storm sewer systems within the Borough of Paulsboro collect storm water for areas within the Borough and in general discharge storm water flows to Mantua Creek, the Delaware River, or tributaries to Clonmell Creek. The storm sewer systems along Thomson Avenue discharge to both Mantua Creek and an unnamed tributary of Clonmell Creek.

Need for Project

This project is being undertaken to mitigate regular flooding that occurs during nearly all moderate to intense precipitation events, regardless of duration. In some locations, due to the saw-toothed nature of the mains, the water has to back up several feet in a manhole before it can even start to flow downstream toward Mantua Creek. The roadway flooding causes unsafe driving conditions, extensive icing of the roads in the winter, premature wear of the roadways, and in severe storms can backup enough to flood into basements and crawl spaces of adjacent residences through basement window wells. In addition the saw-toothed profile of the storm sewer main causes material to collect in the manholes and pipes, which in turn reduces the capacity of the storm sewer even more and increases the cost and effort to keep the system free of blockages. BMPs will also be evaluated to determine what else can be done to lessen the flow that the new mains must convey.

Project Description

This project will replace a malfunctioning storm sewer system along Thomson Ave. and Wood St. in Paulsboro. The system regularly backs up and causes flooding of entire intersections during nearly all precipitation events that have any periods of moderate to intense rainfall. The ex. 18-in storm sewer mains are undersized and incorrectly built in a saw-tooth fashion.

Anticipated Recipient:	Belmar Borough		
Project No.:	S340209-03	Eligible Project Cost:	$94,425
Rank:	934		
County:	Monmouth	Total State Amount:	$94,425

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.006045
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.006045

Project Name, Number	Priority List Rank
Belmar Borough S340209-03 Non-Point Source (NPS) Pollution Controls	934

County

Monmouth

Existing Population

6,045

Service Area

Borough of Belmar

Need for Project

The outfall structure will be constructed to provide relief from flooding conditions in Lake Como. Excessive nutrients from a major storm event will be removed from the lake.

Project Description

This project consists of the construction of a forcemain outfall connection from Lake Como to the Atlantic Ocean to provide relief from potential for flooding into the neighboring residential properties. The outfall structure will be located at the east end of Lake Como and cross under Ocean Avenue to terminate in the ocean. This forcemain will be connected to a portable hydraulic pump during major storm events. Currently the Lake and surrounding properties flood during a major rain event coupled with a high tide situation.

Anticipated Recipient:	Berlin Borough		
Project No.:	S340308-01	Eligible Project Cost:	$708,917
Rank:	935		
County:	Camden	Total State Amount:	$708,917

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005672
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.005672

Project Name, Number	Priority List Rank
Berlin Borough S340308-01 Stormwater Management - Gray Infrastructure	935

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 and for maintenance of the existing sanitary sewer collection system.

Project Description

The proposed project includes the purchase of a street sweeper and a jettervac truck for sanitary sewer cleaning and maintenance.

Anticipated Recipient:	Berlin Borough		
Project No.:	S340308-02	Eligible Project Cost:	$722,804
Rank:	935		
County:	Camden	Total State Amount:	$722,804

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005672
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.005672

Project Name, Number	Priority List Rank
Berlin Borough S340308-02 Equipment Purchase (Clean Water)	935

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 and for maintenance of the existing sanitary sewer collection system.

Project Description

The proposed project includes the purchase of a street sweeper and a jetter/vac truck for sanitary sewer cleaning and maintenance.

Anticipated Recipient:	Berlin Township		
Project No.:	S340790-03	Eligible Project Cost:	$1,317,721
Rank:	937		
County:	Camden	Total State Amount:	$1,317,721

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005466
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.005466

Project Name, Number	Priority List Rank
Berlin Township S340790-03 Stormwater Management - Gray Infrastructure	937

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.:	S340338-03	Eligible Project Cost:	$1,331,729
Rank:	938		
County:	Camden	Total State Amount:	$1,331,729

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00544
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.00544

Project Name, Number	Priority List Rank
Somerdale Borough S340338-03 Stormwater Management - Gray Infrastructure	938

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:	Englewood Cliffs Borough		
Project No.:	S340169-01	Eligible Project Cost:	$430,399
Rank:	939		
County:	Bergen	Total State Amount:	$430,399

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005322
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.005322

Project Name, Number	Priority List Rank
Englewood Cliffs Borough S340169-01 Equipment Purchase (Clean Water)	939

County

Bergen

Existing Population

5,322

Service Area

Borough of Englewood Cliffs

Need for Project

The purpose of this project is to alleviate flooding and restore the pond volume for water retention. The purpose of the purchase of the Jetvacuum truck is to assist the DPW in maintaining the integrity of the sewer system. The Pershing Road Pond is subject to storm water runoff from nearby collector streets which creates an overwhelming accumulation of silt and debris. As a result the pond has formed large shoals and is heavily silted in certain areas. This sediment accumulation reduces the drainage capacity of the watercourse raising the ponds water level with each season storm event. The purpose of this project is to alleviate flooding and restore the pond volume for water retention.

Project Description

The proposed project includes the equipment purchase of a JetVacuum Sewer Truck to assist the DPW to maintain the integrity of the sewer system.

Anticipated Recipient:	Highlands Borough		
Project No.:	S340901-04	Eligible Project Cost:	$781,697
Rank:	940		
County:	Monmouth	Total State Amount:	$781,697

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005005
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.005005

Project Name, Number	Priority List Rank
Highlands Borough S340901-04 Stormwater Management - Gray Infrastructure	940

County

Monmouth

Existing Population

5,005

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:	Edgewater Borough		
Project No.:	S340446-07	Eligible Project Cost:	$2,718,518
Rank:	940		
County:	Bergen	Total State Amount:	$2,718,518

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005001
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.005001

Project Name, Number	Priority List Rank
Edgewater Borough S340446-07 Stormwater Management - Gray Infrastructure	940

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:	Highlands Borough		
Project No.:	S340901-03	Eligible Project Cost:	$4,299,487
Rank:	940		
County:	Monmouth	Total State Amount:	$4,299,487

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005005
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.005005

Project Name, Number	Priority List Rank
Highlands Borough S340901-03 Stormwater Management - Gray Infrastructure	940

County

Monmouth

Existing Population

5,005

Service Area

The service area includes the entire Borough of Highlands; however, due to the high elevations and steep slopes, runoff flow from adjacent areas of Middletown Township and Atlantic Highlands Borough also drain into the Borough drainage system.

Need for Project

The existing drainage system, which drains into the Shrewsbury River, a C1 waterway, is undersized to handle contributing drainage flow and runoff sediment from upland areas. Drainage facilities in low lying areas are inundated by floodwaters originating from NJ Rt. 36 corridor and adjacent upgradient areas of the Borough, Middletown Township and Atlantic Highlands. High intensity rainfall events, coupled with high tides, high stormwater velocities and head conditions result in system back ups and extensive flooding of the low lying areas from Bay Avenue northward.

Project Description

(Carryover SFY2015) - Proposed improvements include construction of a new stormwater pump station in Jones Creek, replacement of the existing outfall from the Valley Street Pump Station, the replacement/upgrade of portions of the existing stormwater infrastructure and the installation of additional drainage infrastructure in various portions of the Borough. Merged Carryover and Supplemental Applications into one project for SFY2016

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Mendham Borough		
Project No.:	S340159-01	Eligible Project Cost:	$318,067
Rank:	943		
County:	Morris	Total State Amount:	$318,067

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00489
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.00489

Project Name, Number	Priority List Rank
Mendham Borough S340159-01 Equipment Purchase (Clean Water)	943

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 solidsfloatables 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.:	S340159-02	Eligible Project Cost:	$193,346
Rank:	943		
County:	Morris	Total State Amount:	$193,346

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00489
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.00489

Project Name, Number	Priority List Rank
Mendham Borough S340159-02 Non-Point Source (NPS) Pollution Controls	943

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:	Roseland Borough		
Project No.:	S340361-02	Eligible Project Cost:	$1,396,910
Rank:	945		
County:	Essex	Total State Amount:	$1,396,910

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00485
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.00485

Project Name, Number	Priority List Rank
Roseland Borough S340361-02 Stormwater Management - Gray Infrastructure	945

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:	Mount Arlington Borough		
Project No.:	S340451-04	Eligible Project Cost:	$134,261
Rank:	946		
County:	Morris	Total State Amount:	$134,261

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.004663
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.004663

Project Name, Number	Priority List Rank
Mount Arlington Borough S340451-04 Stormwater Management - Gray Infrastructure	946

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:	Egg Harbor Township		
Project No.:	S340856-01	Eligible Project Cost:	$2,643,901
Rank:	947		
County:	Atlantic	Total State Amount:	$2,643,901

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.004545
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.004545

Project Name, Number	Priority List Rank
Egg Harbor Township S340856-01 Stormwater Management - Gray Infrastructure	947

County

Atlantic

Existing Population

4,545

Service Area

West Atlantic City section of Egg Harbor Township

Need for Project

The existing stormwater collection system in West Atlantic City is physically deteriorating and is inadequate to collect and discharge runoff to Lakes Bay. Under normal conditions tidal flooding often surcharges the system and discharges tidal water back through stormwater inlets due to a lack of back flow prevention devices. This increased flooding increases the amount of sediment and other pollutants that enter the collection system and are discharged to Lakes Bay. A new stormwater system will reduce the amount and frequency of flooding which will decrease the concentration of solids nutrients and fecal coliform in the Bay.

Project Description

The proposed project includes construction of a stormwater management system that will handle runoff from a 100-year storm event. This will include replacing all existing inlets and piping eliminating numerous bay discharge points and installing new outfalls.

Anticipated Recipient:	Magnolia Borough		
Project No.:	S340285-03	Eligible Project Cost:	$455,626
Rank:	948		
County:	Camden	Total State Amount:	$455,626

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.004404
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.004404

Project Name, Number	Priority List Rank
Magnolia Borough S340285-03 Equipment Purchase (Clean Water)	948

County

Camden

Existing Population

4,404

Service Area

Borough of Magnolia

Need for Project

The Borough of Magnolia plans to purchase a combination jettercleaner to help meet stormwater rules requiring yearly cleaning of stormwater inlets. The Borough also plans to purchase a Muffin Monster grinder pump to prevent overflows at the Evesham Avenue pump station caused by clogs.

Project Description

The proposed project includes purchase of a combination jettercleaner and a Muffin Monster grinder pump.

Anticipated Recipient:	Magnolia Borough		
Project No.:	S340285-04	Eligible Project Cost:	$159,031
Rank:	949		
County:	Camden	Total State Amount:	$159,031

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.004394
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.004394

Project Name, Number	Priority List Rank
Magnolia Borough S340285-04 Stormwater Management - Gray Infrastructure	949

County

Camden

Existing Population

4,394

Service Area

Borough of Magnolia

Need for Project

The existing salt storage has created problems due to runoff discharges to local waterways. The Borough is currently under orders to eliminate such runoff.

Project Description

The proposed project includes construction of a salt storage facility.

Anticipated Recipient:	Bradley Beach Borough		
Project No.:	S340472-02	Eligible Project Cost:	$537,008
Rank:	950		
County:	Monmouth	Total State Amount:	$537,008

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.004298
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.004298

Project Name, Number	Priority List Rank
Bradley Beach Borough S340472-02 Sanitary Sewer System Rehabilitation	950

County

Monmouth

Existing Population

4,298

Service Area

Sanitary improvements are proposed along Evergreen, Monmouth, Burlington, Pacific, Madison Avenues including portion of Bradley Boulevard. Stormwater improvements will include all 10 outfall into Sylvan Lake at the following intersections with Bradley Boulevard: Main Street, Pacific Avenue, Atlantic Avenue, Madison Avenue and Monmouth Avenue.

Need for Project

The Borough of Bradley Beach is requesting funding through the New Jersey Environmental Infrastructure Trust Finance Program (Trust) Clean Water State Revolving Fund for the State Fiscal Year 2016 loan program to improve its aged stormwater and sanitary infrastructure.

Project Description

The Borough is currently operating an aged sewer collection system and stormwater system constructed in the early 1900's. It is the Borough's desire to rehabilitate their infrastructure systems over time as funding is available. It is the intent of this application to address about 15% of the sanitary sewer system and approximately 90% of the stormwater infrastructure system to Sylvan Lake. It will address the stormwater sewer system along Bradley Boulevard as follows: - Replace 1,700 feet of storm drain with 18 inch diameter Reinforced Concrete Pipe - Replace 30 drainage inlets - Replace 14 drainage Manholes

Anticipated Recipient:	Medford Lakes Borough		
Project No.:	S340319-02	Eligible Project Cost:	$360,245
Rank:	951		
County:	Burlington	Total State Amount:	$360,245

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.004173
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.004173

Project Name, Number	Priority List Rank
Medford Lakes Borough S340319-02 Stormwater Management - Gray Infrastructure	951

County

Burlington

Existing Population

4,173

Service Area

Borough of Medford Lakes

Need for Project

The Medford Lake are essential to the Boroughs storm drainage system and flood control. The bulkhead reduces the amount of sediment that builds up in the lake and without it sediment and debris is flowing into the lake and downstream.

Project Description

The proposed project includes replacement/repair of the bulkhead to reduce erosion and control solids/floatables.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Bethlehem Township		
Project No.:	S340210-01	Eligible Project Cost:	$110,655
Rank:	952		
County:	Hunterdon	Total State Amount:	$110,655

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00382
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.00382

Project Name, Number	Priority List Rank
Bethlehem Township S340210-01 Stormwater Management - Gray Infrastructure	952

County

Hunterdon

Existing Population

3,820

Service Area

Bethlehem Township

Need for Project

Currently several DPW vehicles and pieces of equipment are stored outside in the maintenance yard. Storing the vehicles and equipment within the rehabilitated building will eliminate contamination of the storm water runoff and extend the useful life of the equipment.

Project Description

Rehabilitation of an existing equipment storage building that is currently in disrepair and inefficiently sectioned for proper storage of DPW maintenance vehicles. The layout of the building will be changed to provide additional storage bays so equipment can be housed within the structure which is located on the DPW property at 405 Mine Road within the Township. Proper drainage and water quality treatment devices will be installed within the building.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Bethlehem Township		
Project No.:	S340210-02	Eligible Project Cost:	$402,413
Rank:	952		
County:	Hunterdon	Total State Amount:	$402,413

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00382
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.00382

Project Name, Number

Bethlehem Township
S340210-02
Stormwater Management - Gray Infrastructure

Priority List Rank

952

County

Hunterdon

Existing Population

3,820

Service Area

Bethlehem Township

Need for Project

The NJDEP has mandated that all discharges of equipment and vehicle wash wastewater from maintenance yard operations be eliminated by 022909. Under the current procedures the wastewater is discharged to the ground surface and enters nearby streamsgroundwater. The facility will capture all water used in the cleaning of equipment and vehicles for proper disposal which will greatly improve the water quality in the area.

Project Description

Construction of a facility designed to collect equipment and vehicle wash wastewater from maintenance yard operations. Bethlehem Township is coordinating construction of the facility with the local New Jersey Department of Transportation maintenance yard located on State Highway Route 173 in order to share services and reduce costs.

Anticipated Recipient:	High Bridge Borough		
Project No.:	S340842-03	Eligible Project Cost:	$6,863,603
Rank:	954		
County:	Hunterdon	Total State Amount:	$6,863,603

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003776
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.003776

Project Name, Number	Priority List Rank
High Bridge Borough S340842-03 Stormwater Management - Gray Infrastructure	954

County

Hunterdon

Existing Population

3,776

Service Area

Borough of High Bridge

Need for Project

The Borough of High Bridge proposes to drain Lake Solitude and remove a high hazard. Removal of the dam will reduce the risk to the Borough and downstream communities and allow for improvements to the spillway.

Project Description

The proposed project includes removal of a high hazard dam and reconfiguration of the spillway. The project will also include breaching lakebedstream stabilization and silt removal.

Anticipated Recipient:	High Bridge Borough		
Project No.:	S340842-02	Eligible Project Cost:	$162,326
Rank:	954		
County:	Hunterdon	Total State Amount:	$162,326

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003776
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.003776

Project Name, Number

High Bridge Borough
S340842-02
Non-Point Source (NPS) Pollution Controls

Priority List Rank

954

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 elimnate 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:	Stanhope Borough		
Project No.:	S340504-03	Eligible Project Cost:	$147,540
Rank:	956		
County:	Sussex	Total State Amount:	$147,540

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0037
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.0037

Project Name, Number	Priority List Rank
Stanhope Borough S340504-03 Non-Point Source (NPS) Pollution Controls	956

County

Sussex

Existing Population

3,700

Service Area

Stanhope Borough

Need for Project

The existing Vac-all truck is a 1982 model and requires extensive repairs. The truck is used to maintain the 22 lane-miles of local streets to remove debris which could ultimately empty into Lake Musconetcong or the Musconetcong River.

Project Description

The proposed project is for the purchase of a new Vac-all truck capable of sweeping the sand and grit from the streets and gutters as well as removing leaves and grit from catchbasins.

Anticipated Recipient:	Hamburg Borough		
Project No.:	S340149-02	Eligible Project Cost:	$570,013
Rank:	957		
County:	Sussex	Total State Amount:	$570,013

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003105
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.003105

Project Name, Number	Priority List Rank
Hamburg Borough S340149-02 Stormwater Management - Gray Infrastructure	957

County

Sussex

Existing Population

3,105

Service Area

Borough of Hamburg

Need for Project

The roadway has no existing stormwater conveyance structures. Proposed improvements will control and reduce runoff.

Project Description

The proposed project includes installation of a new stormwater conveyance system.

Anticipated Recipient:	Lawnside Borough		
Project No.:	S340263-01	Eligible Project Cost:	$193,346
Rank:	958		
County:	Camden	Total State Amount:	$193,346

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.002841
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.002841

Project Name, Number	Priority List Rank
Lawnside Borough S340263-01 Stormwater Management - Gray Infrastructure	958

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:	Lavallette Borough		
Project No.:	S340966-04	Eligible Project Cost:	$405,216
Rank:	959		
County:	Ocean	Total State Amount:	$405,216

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.002665
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.002665

Project Name, Number	Priority List Rank
Lavallette Borough S340966-04 Stormwater Management - Gray Infrastructure	959

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:	Liberty Township		
Project No.:	S340165-01	Eligible Project Cost:	$148,979
Rank:	960		
County:	Warren	Total State Amount:	$148,979

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.002493
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.002493

Project Name, Number	Priority List Rank
Liberty Township S340165-01 Equipment Purchase (Clean Water)	960

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 solidsfloatables from entering the waters of the Pequest Watershed.

Project Description

The proposed project involves the purchase of one street sweeper.

Anticipated Recipient:	Riverdale Borough		
Project No.:	S340729-02	Eligible Project Cost:	$289,789
Rank:	960		
County:	Morris	Total State Amount:	$289,789

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.002498
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.002498

Project Name, Number	Priority List Rank
Riverdale Borough S340729-02 Equipment Purchase (Clean Water)	960

County

Morris

Existing Population

2,498

Service Area

Borough of Riverdale

Need for Project

Periodically the Boroughs 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 maitenance 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 minimze adverse impacts on local waterways.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Avon By The Sea Borough		
Project No.:	S340335-02	Eligible Project Cost:	$360,245
Rank:	962		
County:	Monmouth	Total State Amount:	$360,245

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00235
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.00235

Project Name, Number	Priority List Rank
Avon By The Sea Borough S340335-02 Stormwater Management - Gray Infrastructure	962

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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Pine Beach Borough		
Project No.:	S340248-01	Eligible Project Cost:	$293,500
Rank:	963		
County:	Ocean	Total State Amount:	$293,500

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00195
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.00195

Project Name, Number	Priority List Rank
Pine Beach Borough S340248-01 Stormwater Management - Gray Infrastructure	963

County

Ocean

Existing Population

1,950

Service Area

Borough of Pine Hill

Need for Project

This project will include the reconstruction and replacement of the stormwater drainage system to meet the NJDEP stormwater regulations.

Project Description

This project will include the reconstruction and replacement of the stormwater drainage system designed to meet the NJDEP stormwater regulations. It will include installation of stormwater pipe and stormwater inlets.

Anticipated Recipient:	Avon By The Sea Borough		
Project No.:	S340335-03	Eligible Project Cost:	$12,488,850
Rank:	964		
County:	Monmouth	Total State Amount:	$12,488,850

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001901
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.001901

Project Name, Number

Avon By The Sea Borough
S340335-03
Stormwater Management - Gray Infrastructure

Priority List Rank

964

County

Monmouth

Existing Population

1,901

Service Area

Sylvan Lake is a coastal lake located between Avon-by-the-Sea and Bradley Beach. The Lake is fed by a small unnamed tributary to the northwest and thirty stormwater outfalls from a highly urbanized watershed that includes both residential and highway/commercial land uses spanning the municipalities of Avon-by-the-Sea, Bradley Beach, Neptune City and Neptune Township. Stormwater is then temporarily detained in the lake prior to directly discharging into the Atlantic Ocean just offshore of Avon's bathing beaches.

Need for Project

The proposed rehabilitation of the Sylvan Lake Stormwater Management capacity and infrastructure will address known water quality problems within the lake and ultimately, the proximate Atlantic Ocean bathing beaches. Presently, the lake is subject to pathogen contamination, algal blooms, aquatic weed overgrowth and eutrophication that are primarily related to inputs of stormwater and runoff from the surrounding watershed. These contaminated waters chronically persist, and the contaminated waters are continuously discharged to the Atlantic Ocean via an ocean outfall that discharges onto the bathing beach areas. The discharges are acutely worse during rainfall events when the lake discharges to the ocean at increased rates. Lastly, the outfall structure is structurally compromised, causing leakage of the contaminated lake water into the beach groundwater and limiting the ability of local authorities to control the discharge during storm events.

Project Description

The Sylvan Lake Water Quality Project aims to increase the lake's capacity to store stormwater. In order to do this, dredging of the lake is required. In addition, the proposed project will address known water quality issues within the lake that result from stormwater runoff from the surrounding watershed. Also,the outfall structure that discharges this water to the Atlantic Ocean is structurally compromised and needs replacement.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Wyckoff Township		
Project No.:	S340738-04	Eligible Project Cost:	$535,216
Rank:	964		
County:	Bergen	Total State Amount:	$535,216

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0019
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.0019

Project Name, Number	Priority List Rank
Wyckoff Township S340738-04 Equipment Purchase (Clean Water)	964

County

Bergen

Existing Population

1,900

Service Area

Township of Wyckoff

Need for Project

Implementation of a regional stormwater mangement plan will target stormwater runoff quality.

Project Description

The proposed project for purchase of maintenance equipment includes a street sweeper and a combination sewer machine to clean and maintain the stormwater collection system.

Anticipated Recipient:	Sea Bright Borough		
Project No.:	S340077-01	Eligible Project Cost:	$3,774,303
Rank:	966		
County:	Monmouth	Total State Amount:	$3,774,303

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001818
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.001818

Project Name, Number

Sea Bright Borough
S340077-01
Stormwater Management - Gray Infrastructure

Priority List Rank

966

County

Monmouth

Existing Population

1,818

Service Area

Borough of Sea Bright

Need for Project

Sea Bright is a barrier island surrounded by the Shrewsbury River on the west and the Atlantic Ocean on the East. Both the River and the Ocean must be protected from the possible leak of sanitary sewage from an old antiquated system (sanitary sewer rehabilitation and further the land must be protected from flooding both for the protection of life and property and the mixing and discharging of sewage during flood events. The storm water system and pumps will keep storm and sewage separate by removing the threat of floods on minor and intermediate storms.

Project Description

Construction of Sanitary Sewer Piping on Badmitton Court Construction of Stormwater Pump stations and Stormwater Piping in Osborne Church River and Peninsula Streets and upgrades to River street and Middle Pump Stations.

Anticipated Recipient:	Downe Township		
Project No.:	S340438-02	Eligible Project Cost:	$16,395,206
Rank:	967		
County:	Cumberland	Total State Amount:	$16,395,206

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001585
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.001585

Project Name, Number	Priority List Rank
Downe Township S340438-02 Stormwater Management - Gray Infrastructure	967

County

Cumberland

Existing Population

1,585

Service Area

Downe Township

Need for Project

The health safety and welfare of the residents are in jeopardy due to deterioration of existing bulkheads and stormwater management measures that have been damaged from recent and significant storm event.

Project Description

The project includes bulkhead repair beach replenishment and jetty construction.

Anticipated Recipient:	Hampton Borough		
Project No.:	S340481-01	Eligible Project Cost:	$97,500
Rank:	968		
County:	Hunterdon	Total State Amount:	$97,500

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001401
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.001401

Project Name, Number	Priority List Rank
Hampton Borough S340481-01 Equipment Purchase (Clean Water)	968

County

Hunterdon

Existing Population

1,401

Service Area

The planning area for this project consists of the entire Borough of Hampton in Hunterdon County, New Jersey. Hampton encompasses approximately 1.5 square miles. The Township has a total population of 1,253 and 506 total housing units. Hampton is bordered by Lebanon Township to the northeast, by Glen Gardner Borough to the east, by Bethlehem Township to the south, and by Washington Township (Warren County) to the northwest.

Need for Project

The purpose of this project is to provide the DPW with a means of more efficiently and effectively retrieving leaves from the side of the road. Leaves piled on the road have the potential to enter into the storm sewer system and negatively impact water quality.

Project Description

The project will result in the purchase of a leaf vacuum to be used by the Borough Department of Public Works (DPW); the DPW provides leaf pickup services throughout the Borough. The selected equipment is a Tarco Hurricane 1000 Series leaf loader, with a 17 cubic yard box capacities and a dual tire dual axle 18,000 lb. axle rating trailer.

Anticipated Recipient:	Avalon Borough		
Project No.:	S340864-02	Eligible Project Cost:	$3,217,620
Rank:	969		
County:	Cape May	Total State Amount:	$3,217,620

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001334
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.001334

Project Name, Number	Priority List Rank
Avalon Borough S340864-02 Stormwater Management - Gray Infrastructure	969

County

Cape May

Existing Population

1,334

Service Area

Avalon Borough

Need for Project

When the free flow of tidal waters in and among the multiple tidal creeks and salt marsh is hindered by shoaling the natural flushing and cleansing effect of the tides is hindered. This results in the trapping or slowing of waters within certain areas and accompanying loss of water quality. When shoaling is left unaddressed the problem is compounded and water quality continues to decrease. Detrimental effects of the poor water quality in the back bays includes increased risk of bacteriological contamination and the concentration of other contaminants (metals etc.) in shoaled areas where water velocity is slowed and the contaminants drop to the bay floor rather than continue to disperse throughout the system.

Project Description

The project includes dredging of several back bays and water ways impacted by Sandy.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Teterboro Borough		
Project No.:	S340339-01	Eligible Project Cost:	$1,219,513
Rank:	970		
County:	Bergen	Total State Amount:	$1,219,513

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	1.8E-5
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.000018

Project Name, Number	Priority List Rank
Teterboro Borough S340339-01 Stormwater Management - Gray Infrastructure	970

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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-36	Eligible Project Cost:	$888,000
Rank:	971		
County:	Hudson	Total State Amount:	$888,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	0

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	2.27584
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	202.27584

Project Name, Number	Priority List Rank
North Hudson Sewer Authority S340952-36 Equipment Purchase (Clean Water)	971

County

Hudson

Existing Population

2,275,840

Service Area

The combined population of Hoboken, West New York, Union City and Weehawken

Need for Project

This equipment is needed to ensure proper maintenance of the combined sewer system.

Project Description

This project includes the purchase of two key equipment for service of the NHSA collection system. The first is a new CCTV truck with all necessary equipment, mounted for operator use, including operator control and monitoring station. The second purchase is a new combination sewer system cleaner truck - that would have capability of vacuuming and flushing underground sewer.

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S342012-02	Eligible Project Cost:	$4,915,537
Rank:	972		
County:	Middlesex	Total State Amount:	$4,915,537

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	200

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.750162
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	200.750162

Project Name, Number	Priority List Rank
Middlesex County Utilities Authority S342012-02 Well Sealing	972

County

Middlesex

Existing Population

750,162

Service Area

Middlesex County

Need for Project

Middlesex County Landfill provides protection for surface and groundwater in conjunction with the operation of landfill activities.

Project Description

The proposed project includes installation of an auxiliary Landfill Gas Pipeline for the wastewater treatment Renewable Energy Electric Power Plant.

Anticipated Recipient:	Newark City		
Project No.:	S340815-23	Eligible Project Cost:	$27,315,736
Rank:	973		
County:	Essex	Total State Amount:	$27,315,736

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	100
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.27714
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	200.27714

Project Name, Number	Priority List Rank
Newark City S340815-23 Remedial Action/Contaminated Site Cleanups (Brownfields)	973

County

Essex

Existing Population

277,140

Service Area

City of Newark

Need for Project

A former industrial facility requires remedial measures to support brownfield development and provide significant environmental benefits. Placement of an impermeable cap along with installation of stormwater controls will ensure that rain water will not mobilize contaminates and pollute groundwater or the adjacent waterways.

Project Description

This is a proposed redevelopment of a brownfield site located in the City of Newark in Essex County in the Third Industrial District and the Industrial River Urban Renewal Plan Area adjacent to the Route 1&9 Interchange on Delancy Street. The project will consists of remediation requirements included in an approved Remedial Action Work Plan as well as additional environmental and clean water improvements necessary as part of the overall redevelopment. The project consists of a warehouseindustrial facility that includes two (2) buildings of 705000 square feet and 105775 square feet with 20000 square feet of office space and 5000 square feet of office space respectively. The project site is currently a vacant former industrial site from which the structures have been removed. Piersons Creek bisects the project site which is to be enhanced and improved. It is anticipated the project will be occupied by a combination of warehouse distribution and industrial uses.

Anticipated Recipient:	Newark City		
Project No.:	S340815-15	Eligible Project Cost:	$16,123,721
Rank:	973		
County:	Essex	Total State Amount:	$16,123,721

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	100
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.27714
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	200.27714

Project Name, Number

Newark City
S340815-15
Non-Point Source (NPS) Pollution Controls

Priority List Rank

973

County

Essex

Existing Population

277,140

Service Area

City of Newark

Need for Project

A former maintenance facility requires remedial measures to support brownfield development and provide significant environmental benefits. Placement of an impermeable cap along with installation of stormwater controls will ensure that rain water will not mobilize contaminates and pollute groundwater or the adjacent waterways.

Project Description

The proposed project includes demolition of existing buildings installation of an impermeable cap and cover system installation of CSO/storm water controls.

Anticipated Recipient:	Jersey City		
Project No.:	S343069-01	Eligible Project Cost:	$13,000,360
Rank:	975		
County:	Hudson	Total State Amount:	$13,000,360

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.240055
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	200.240055

Project Name, Number	Priority List Rank
Jersey City S343069-01 Open Space Land Acquisition and Conservation	975

County

Hudson

Existing Population

240,055

Service Area

Jersey City

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 6.2 acres along the PRR Harimus Branch Embankment to preserve open space and to protect water quality.

Anticipated Recipient:	Cape May County Municipal Utilities Authority		
Project No.:	S342017-01	Eligible Project Cost:	$954,929
Rank:	976		
County:	Cape May	Total State Amount:	$954,929

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	200

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.097265
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	200.097265

Project Name, Number	Priority List Rank
Cape May County Municipal Utilities Authority S342017-01 Landfill Closure	976

County

Cape May

Existing Population

97,265

Service Area

Cape May County MUA - WildwoodLower Region and CMCMUA - Seven MileMiddle Region

Need for Project

The project is for the beneficial use of landfill gas. It will entail the cleaning of landfill gas by removing sulfur which allow for the burning of the gas in two 1-meg generators to create electricity.

Project Description

The project includes construction of sulfur scrubbers at the landfill.

Anticipated Recipient:	Camden City		
Project No.:	S340366-05	Eligible Project Cost:	$6,614,815
Rank:	977		
County:	Camden	Total State Amount:	$6,614,815

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.079904
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	200.079904

Project Name, Number	Priority List Rank
Camden City S340366-05 Well Sealing	977

County

Camden

Existing Population

79,904

Service Area

City of Camden

Need for Project

The City has identified a need to seal abandoned wells to protect the aquifer by preventing groundwater contamination.

Project Description

The proposed project includes the sealing of approximately 52 improperly abandoned wells in the North Morris Wellfield.

Anticipated Recipient:	Bayonne Local Redevelopment Authority		
Project No.:	S342009-01	Eligible Project Cost:	$3,941,003
Rank:	978		
County:	Hudson	Total State Amount:	$3,941,003

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.061842
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	200.061842

Project Name, Number	Priority List Rank
Bayonne Local Redevelopment Authority S342009-01 Landfill Closure	978

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:	Hoboken City		
Project No.:	S343078-01	Eligible Project Cost:	$4,922,087
Rank:	979		
County:	Hudson	Total State Amount:	$4,922,087

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.038577
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	200.038577

Project Name, Number

Hoboken City
S343078-01
Open Space Land Acquisition and Conservation

Priority List Rank

979

County

Hudson

Existing Population

38,577

Service Area

City of Hoboken

Need for Project

The project will acquire and develop passive recreational open space for the enjoyment of Hoboken residents and visitors but will also help retain stormwater runoff and reduce flooding. Situated along the Hudson River the City of Hoboken is prone to severe flooding when heavy rains combine with high tide. This is particularly an issue in Hobokens southwest which is one of the more densely populated areas of the City and currently has no open space or parkland. As a result of the creation and preservation of open space stormwater will be retained naturally which will help to alleviate flooding reduce volume flowing into the Citys combined stormwatersewer system and prevent sewage discharges into the Hudson River as a result of overflow to the combined sewer system.

Project Description

The City of Hoboken will acquire and develop parkland in the Southwest portion of the City. The new park will provide open space access in a congested neighborhood of town will help retain stormwater runoff and will reduce overflows to the combined sewerstormwater management system.

Anticipated Recipient:	Secaucus Town		
Project No.:	S342021-01	Eligible Project Cost:	$21,189,858
Rank:	980		
County:	Hudson	Total State Amount:	$21,189,858

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.016264
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	200.016264

Project Name, Number	Priority List Rank
Secaucus Town S342021-01 Landfill Closure	980

County

Hudson

Existing Population

16,264

Service Area

n/a

Need for Project

n/a

Project Description

(Carryover SFY2015) - The project proposes to close and cap an inactive landfill. The site will be closed in accordance with State and Federal regulations. The site will eventually be redeveloped with uses designed to support the operations of Lautenberg Station (Secaucus Junction) which is located adjacent to the project site.

Anticipated Recipient:	Clinton Town		
Project No.:	S340924-07	Eligible Project Cost:	$800,000
Rank:	981		
County:	Hunterdon	Total State Amount:	$800,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	200

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.002719
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	200.002719

Project Name, Number

Clinton Town
S340924-07
Water Efficiency / Water Meters

Priority List Rank

981

County

Hunterdon

Existing Population

2,719

Service Area

This is a system-wide replacement project that covers sections of Clinton Town, Lebanon Borough, Clinton Township, Franklin Township and Union Township.

Need for Project

Installation of these meters will increase the level of accuracy on the quantities measured for billing. It is anticipated that the existing aged meters at these locations are not fully capturing actual usage by the customer. In turn, the new meters will yield more accurate reading, which will impose water conservation measures by each customer, and a decrease in waste water returns.

Project Description

Pursuant to the Capital Improvement Plan derived from the Asset Management Plan (AMP) for the system, the Town of Clinton is continuing efforts to implement the AMP to resume the conversion of customer service meters to radio read in order to improve billing accuracy, further reduce the percentage of non-revenue water in the water system and in part minimize the wastewater return to the sanitary sewer collection system. Approximately 750 meters remain for replacement. The preferred course of action would be for the procurement of the meters to be through the co-op and advertise publicly for the installation of the meters. The preparation of the asset management plan, evaluation of the system wide meter inventory and incorporating these assets in GIS as well as ongoing analysis of financing options and rate analysis are part of the extensive planning efforts to identify the scope and priority of this capital improvement project.

Anticipated Recipient:	Stafford Township		
Project No.:	S343076-01	Eligible Project Cost:	$6,683,353
Rank:	982		
County:	Ocean	Total State Amount:	$6,683,353

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.022532
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	175.022532

Project Name, Number	Priority List Rank
Stafford Township S343076-01 Open Space Land Acquisition and Conservation	982

County

Ocean

Existing Population

22,532

Service Area

Township of Stafford

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 watershed. 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 Clayton Property in Stafford to preserve open space and to protect water quality.

Anticipated Recipient:	Princeton		
Project No.:	S343008-01	Eligible Project Cost:	$4,653,327
Rank:	983		
County:	Mercer	Total State Amount:	$4,653,327

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.013198
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	175.013198

Project Name, Number	Priority List Rank
Princeton S343008-01 Open Space Land Acquisition and Conservation	983

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.:	S343041-01	Eligible Project Cost:	$3,997,392
Rank:	984		
County:	Cape May	Total State Amount:	$3,997,392

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.00398
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	175.00398

Project Name, Number	Priority List Rank
Wildwood Crest Borough S343041-01 Open Space Land Acquisition and Conservation	984

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:	Brick Township		
Project No.:	S342018-01	Eligible Project Cost:	$14,226,449
Rank:	985		
County:	Ocean	Total State Amount:	$14,226,449

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.076119
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	165.076119

Project Name, Number	Priority List Rank
Brick Township S342018-01 Landfill Closure	985

County

Ocean

Existing Population

76,119

Service Area

Township of Brick

Need for Project

The uncapped landfill is the source for groundwater contamination documented at the site. A contamination plume emanates from the landfill encompassing approximately 470 acres. As a result of contamination (volatile organic compounds) a Groundwater Use Restriction Area and Classification Exception Area were established and a maintained private water and irrigation wells were closed and residents within the affected area were required to connect to water service. Although the impacted Kirkwood-Cohansey aquifer system is hydraulically connected to Barnegat Bay it is not expected that elevated contamination levels can be traced to the landfill site.

Project Description

The remedial action consists of the re-grading of the landfill installation of a cap including gas vents and construction of a stormwater management system.

Anticipated Recipient:	Seaside Park Borough		
Project No.:	S340083-03	Eligible Project Cost:	$103,000
Rank:	986		
County:	Ocean	Total State Amount:	$103,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.0081
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	165.0081

Project Name, Number	Priority List Rank
Seaside Park Borough S340083-03 Well Sealing	986

County

Ocean

Existing Population

8,100

Service Area

Project will protect the water supply for the entirety of the Borough.

Need for Project

Sealing of the well is required as a condition of the Water Allocation Permit.

Project Description

This project is intended to permanently seal the Borough's Well #7. This well has been out of service and per state regulations is required to be sealed.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Buena Vista Township		
Project No.:	S342023-01	Eligible Project Cost:	$23,530,000
Rank:	987		
County:	Atlantic	Total State Amount:	$23,530,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.00757
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	165.00757

Project Name, Number

Buena Vista Township
S342023-01
Landfill Closure

Priority List Rank

987

County

Atlantic

Existing Population

7,570

Service Area

Former Buena Vista Solid Waste Landfill ceased operation between 1979 and 1982; is now currently known as Buena Vista Township Department of Public Works bounded by agricultural land (farm fields) on the North and West, by a residential property to the South, and Union Road to the East. On the other side of Union is agricultural land with a residence and other out buildings. The nearest residence is adjacent to the Buena Vista Township Public works Yard. There are 31 impacted wells located to the south and southwest and down gradient of the Buena Vista Public Works Yard. The affected homes/wells are being provided with point of entry treatment systems (POETS) through the NJDEP Spill Fund. The highest level of contamination occurs on the southwest corner of the Public Works yard created be commercial agricultural activities (cultivation of produce for human consumption)

Need for Project

Task 1: Project Planning $30,000 detailed review of project files, site inspections, meetings with client and regulatory agencies and development of a conceptual model that will assist in understanding the project details and become the basis for the required remedial investigation; Task 2: Ground Water Investigation $235,000 Monitoring Well Installation, traffic control, road opening, cost for sampling the monitoring well network twice, and associated data management; Task 3 Landfill investigation $100,000; Task 4 Prepare Remedial Investigation report and action plan$50,000; Task 5 Preparation for Landfill closure $60,000; Task 6 Project Management $40,000; Task 7-9 Implement ground remediation, construct recommended landfill closure plan, submit remedial action report $40,000; Task 10 submission post closure plan report and file deed notice $40,000 Task 11Long term monitoring of well. Task 8,11 will be developed at a later date based on the findings of prior tasks.

Project Description

In a letter dated September 24, 2015, the New Jersey Department of Environmental Protection's (NJDEP) Site Remediation Program notified Buena Vista Township that the NJDEP has documented the release of hazardous substances at the former Buena Vista Solid Waste landfill, which ceased operations between 1977 and 1982. The property is currently the Township's Public Works Yard. The NJDEP conducted a ground water investigation at the former Buena Vista landfill and the ground water sample results showed that contamination was present on site. Based on this, the NJDEP stated that Buena Vista Township may have responsibility under the New Jersey Spill Compensation and Control Act for the investigation and remediation of contamination at the subject site. The Township was required to retain a License Site Remediation Professional (LSRP) and conduct the required remedial investigation and remedial action for landfill closure and groundwater contamination.

Anticipated Recipient:	Jersey City Redevelopment Agency		
Project No.:	S340928-26	Eligible Project Cost:	$12,326,308
Rank:	988		
County:	Hudson	Total State Amount:	$12,326,308

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	160.247597

Project Name, Number	Priority List Rank
Jersey City Redevelopment Agency S340928-26 Sanitary Sewer System - New	988

County

Hudson

Existing Population

247,597

Service Area

Need for Project

Project Description

This project includes the construction of separate sanitary sewers and storm sewers within the Phase 2 project area, raising the elevation of those lower roadways within the area and remediating the environmental contamination within the area.

Anticipated Recipient:	Jersey City Redevelopment Agency		
Project No.:	S340928-25	Eligible Project Cost:	$5,647,345
Rank:	988		
County:	Hudson	Total State Amount:	$5,647,345

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	160.247597

Project Name, Number	Priority List Rank
Jersey City Redevelopment Agency S340928-25 Sanitary Sewer System - New	988

County

Hudson

Existing Population

247,597

Service Area

n/a

Need for Project

n/a

Project Description

This project includes the construction of separate sanitary sewers and storm sewers within the Phase 1 project area, raising the elevation of those lower roadways within the. This alternative would then facilitate the development of the area with new residential, commercial and retail uses, including ancillary parking, all consistent with the objectives and regulations of the JAPRP.

Anticipated Recipient:	Hudson County Improvement Authority		
Project No.:	S340094-01	Eligible Project Cost:	$6,614,815
Rank:	990		
County:	Hudson	Total State Amount:	$6,614,815

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.038577
			BDA Points	10
			Transit Villages	0
			TOTAL POINTS	160.038577

Project Name, Number	Priority List Rank
Hudson County Improvement Authority S340094-01 Non-Point Source (NPS) Pollution Controls	990

County

Hudson

Existing Population

38,577

Service Area

City of Hoboken

Need for Project

The project includes rehabilitation of existing structures incorporating water conservationtreatment and recycling that will reduce the volume of discharge and result in a higher quality discharge of both stormwater and black water from the site.

Project Description

The proposed water qualitywater conservation project includes low water fixtures a roof garden stormwater storage and geothermal piles.

Anticipated Recipient:	Bellmawr Borough		
Project No.:	S342011-02	Eligible Project Cost:	$66,350,623
Rank:	991		
County:	Camden	Total State Amount:	$66,350,623

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.011583
			BDA Points	10
			Transit Villages	0
			TOTAL POINTS	160.011583

Project Name, Number

Bellmawr Borough
S342011-02
Landfill Closure

Priority List Rank

991

County

Camden

Existing Population

11,583

Service Area

Bellmawr Borough, Camden County; Deptford Township,Gloucester County.

Need for Project

Currently, leachate from landfill is being discharged to Big Timber Creek, a tidal tributary of the Delaware River. The proposed remediation work components that are the subject of this application are integral and necessary compoments of the NJDEPapproved remedial action work plan ("RAWP").

Project Description

(Carryover SFY2015) - The proposed project includes closure of a landfill. The closure includes soil cover improved grading a structural landfill cap creek stabilization and a methane gas collection system as well as long term surface and groundwater monitoring programs.

Anticipated Recipient:	Cumberland County Improvement Authority		
Project No.:	S342015-03	Eligible Project Cost:	$18,954,010
Rank:	992		
County:	Cumberland	Total State Amount:	$18,954,010

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	1.560898
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	151.560898

Project Name, Number	Priority List Rank
Cumberland County Improvement Authority S342015-03 Landfill Construction	992

County

Cumberland

Existing Population

1,560,898

Service Area

Cumberland County and non-County solid waste

Need for Project

NA

Project Description

Construction of a 32 acre lateral expansion at the Cumberland County Solid Waste Complex consisting of landfill Cells 7, 8 and 9. The project also includes improvements to three (3) leachate pump stations which provides service to existing landfill Cells 1A,1B and 2A.

Anticipated Recipient:	Mercer County		
Project No.:	S343004-03	Eligible Project Cost:	$1,122,734
Rank:	993		
County:	Mercer	Total State Amount:	$1,122,734

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.350761
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.350761

Project Name, Number	Priority List Rank
Mercer County S343004-03 Open Space Land Acquisition and Conservation	993

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:	Gloucester County Improvement Authority		
Project No.:	S342016-01	Eligible Project Cost:	$1,388,163
Rank:	994		
County:	Gloucester	Total State Amount:	$1,388,163

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.275
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.275

Project Name, Number	Priority List Rank
Gloucester County Improvement Authority S342016-01 Stormwater Management - Gray Infrastructure	994

County

Gloucester

Existing Population

275,000

Service Area

Gloucester County

Need for Project

The planned improvements will protect ground water by ensuring that landfill leachate is removed from the landfill in a timely manner and transported for disposal through a secure conveyance system.

Project Description

The proposed project includes the rehabilitaion of six leachate lift stations and the replacement of approximately 1300 feet of single wall leachate force main with double wall pipe. Included will be new pumps electrical instrumentation and other appurtenances.

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S342001-03	Eligible Project Cost:	$36,042,396
Rank:	995		
County:	Atlantic	Total State Amount:	$36,042,396

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.265429
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.265429

Project Name, Number	Priority List Rank
Atlantic County Utilities Authority S342001-03 Landfill Construction	995

County

Atlantic

Existing Population

265,429

Service Area

The Atlantic County Utilities Authority Landfill receives all solid waste generated within the 23 municipalities of Atlantic County. Atlantic County is approximately 672 square miles in area. Note: The population data provided is an estimate for 2018.

Need for Project

The Atlantic County Utilities Authority (ACUA) Landfill is a doubled-lined landfill. All leachate generated from the landfill is monitored and pumped into the ACUA's wastewater collection system. The wastewater then flows to ACUA's Wastewater Treatment Plant in Atlantic City. Disposal of solid waste within lined landfills is required by law in New Jersey. Disposal of waste in unlined landfills is a direct threat to groundwater resources, therefore appropriate disposal is achieved through this project.

Project Description

In an effort to maximize the existing permitted capacity of the ACUA landfill, the ACUA has planned to construct a mechanically stabilized earth (MSE) berm around a portion of the perimeter of the landfill. Construction of the MSE berm will allow Atlantic County residents and businesses to continue to dispose of waste within Atlantic County. Construction of Phase 1 of the MSE berm, which was funded by the ACUA, is currently nearing completion. The ACUA is now seeking funding through the I-Bank for the construction of Phases 2 and 3. Phase 2 includes the construction of approx. 1,825 linear feet of MSE Berm and also includes modifications to an existing on-site stormwater basin. Phase 3 includes the construction of approx. 2,250 linear feet of MSE Berm. The ACUA has retained the services of an engineering consulting firm, ARM Group Inc., to provide engineering design services for the proposed construction of Phases 2 and 3 of the MSE Berm.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Gloucester County Improvement Authority		
Project No.:	S343074-01	Eligible Project Cost:	$2,049,114
Rank:	996		
County:	Gloucester	Total State Amount:	$2,049,114

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.254
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.254

Project Name, Number	Priority List Rank
Gloucester County Improvement Authority S343074-01 Open Space Land Acquisition and Conservation	996

County

Gloucester

Existing Population

254,000

Service Area

Gloucester County

Need for Project

The County 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 Racoon Creek and the neighboring Delaware River. In general the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project includes the purchase of land in Logan Township to preserve open space and to protect water quality.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S342001-02	Eligible Project Cost:	$5,962,475
Rank:	997		
County:	Atlantic	Total State Amount:	$5,962,475

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.25
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.25

Project Name, Number

Atlantic County Utilities Authority
S342001-02
Landfill Closure

Priority List Rank

997

County

Atlantic

Existing Population

250,000

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 project will reduce non-point source pollution runoff and improve groundwater quality.

Project Description

The proposed project includes final capping of the ACUA Landfill.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Passaic Valley Water Commission		
Project No.:	S342014-01	Eligible Project Cost:	$1,645,877
Rank:	998		
County:	Passaic	Total State Amount:	$1,645,877

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.22221
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.22221

Project Name, Number	Priority List Rank
Passaic Valley Water Commission S342014-01 Landfill Closure	998

County

Passaic

Existing Population

222,210

Service Area

Paterson Passaic Clifton Prospect Park and Lodi

Need for Project

The Great Noten Residuals Storage Site is required to be capped and closed. Proper closure of this landfill will reduce leachate and stormwater discharges to surrounding water bodies.

Project Description

The proposed project includes re-grading and capping of approximately 4.3 acres at the storage site of residuals from the Passaic Valley Water Commissions water treatment operations at the Little Falls Water Treatment Plant. The project also includes installation of stormwater management system.

Anticipated Recipient:	Sussex County Municipal Utilities Authority		
Project No.:	S342008-04	Eligible Project Cost:	$7,403,160
Rank:	999		
County:	Sussex	Total State Amount:	$7,403,160

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.149265
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.149265

Project Name, Number

Sussex County Municipal Utilities Authority
S342008-04
Sanitary Sewer System - New

Priority List Rank

999

County

Sussex

Existing Population

149,265

Service Area

N/A - only involves leachate and sanitary flow from SCMUA Solid Waste facility

Need for Project

Provide for long-term transmission of leachate for treatment at the SCMUA Upper Wallkill WPCF

Project Description

This project includes a pumping station and force main to convey landfill leachate to the Upper Wallkill Water Pollution Control Facility (WPCF) rather than continuing the practice of trucking leachate for treatment and disposal. Currently, leachate generated from the landfill is collected and stored at the SCMUA Solid Waste Facility in a 1.1 million gallon tank. The leachate is then hauled by SCMUA via tanker truck approximately 6 miles to its Upper Wallkill WPCF in Hardyston, New Jersey, for treatment. The current leachate treatment and disposal scheme is regulated by the New Jersey Department of Environmental Protection (NJDEP) under NJPDES/SIU Permit No. NJ0103811, which provides for the disposal of 35,000 gallons per day (annual average) of leachate at the SCMUA's Upper Wallkill WPCF.

Anticipated Recipient:	Sussex County Municipal Utilities Authority		
Project No.:	S342008-01	Eligible Project Cost:	$2,451,173
Rank:	1000		
County:	Sussex	Total State Amount:	$2,451,173

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.130943
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.130943

Project Name, Number	Priority List Rank
Sussex County Municipal Utilities Authority S342008-01 Landfill Closure	1000

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 Countys 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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Warren County		
Project No.:	S343035-01	Eligible Project Cost:	$3,185,630
Rank:	1001		
County:	Warren	Total State Amount:	$3,185,630

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.102437
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.102437

Project Name, Number	Priority List Rank
Warren County S343035-01 Open Space Land Acquisition and Conservation	1001

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.:	S342020-01	Eligible Project Cost:	$11,714,265
Rank:	1002		
County:	Middlesex	Total State Amount:	$11,714,265

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.099967
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.099967

Project Name, Number | **Priority List Rank**

Edison Township
S342020-01 | 1002
Decentralized Wastewater (or Septic) System Repair/Replacement

County

Middlesex

Existing Population

99,967

Service Area

Edison Landfill is a former 35 acre municipal landfill, disused since 1991, has no defined service area as a result of its continuing inactive status since that time. More details are provided in the uploaded/attached Edison Landfill History.

Need for Project

The Edison Landfill Closure Project will eliminate subsurface leachate migration into the adjacent Raritan River and contiguous properties. This will be achieved primarily through the capping of the Edison Landfill and an engineered leachate containment and pumping system for proper leachate conveyance to the MCUA.

Project Description

(Carryover SFY2015) - The closure of the Edison Landfill will include the following activities Landfill plateau capped with geomembranegeosynthetic clay liner reinforcement textile soil cover and vegetative layer. Sides capped with ordinary soil cover and vegetative layer. Landfill plateau and sides capping shall also utilize waste-derived material such as stabilized sludge. Stormwater channels shall utilize waste-derived materials such as glass cullet or crushed concrete in cover materials. Leachate collection pumping and disposal systems to MCUA via a siphon crossing the Raritan River shall be designed fabricated installed commissioned and operated on a continuing basis. A methane gas extraction system shall also be designed fabricated installed commissioned and operated on a continuing basis. A surface-mounted ballasted 100kWh PVSE system shall be installed as well as an extension of an existing walkway adjacent to the Raritan River under a disruptionrestoration component.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Edison Township		
Project No.:	S343027-02	Eligible Project Cost:	$55,475,226
Rank:	1003		
County:	Middlesex	Total State Amount:	$55,475,226

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.097687
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.097687

Project Name, Number	Priority List Rank
Edison Township S343027-02 Open Space Land Acquisition and Conservation	1003

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 AvenueMartins Dock and other lands to preserve open space to protect water quality and to safeguard wildlife habitats.

Anticipated Recipient:	Hamilton Township		
Project No.:	S343051-02	Eligible Project Cost:	$1,709,268
Rank:	1004		
County:	Mercer	Total State Amount:	$1,709,268

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.087109
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.087109

Project Name, Number	Priority List Rank
Hamilton Township S343051-02 Open Space Land Acquisition and Conservation	1004

County

Mercer

Existing Population

87,109

Service Area

Township of Hamilton

Need for Project

The Township plans to purchase of property to protect water quality by preserving land that encompasses an unnamed tributary of Pond Run located in the Delaware River Watershed. Since water drains from the parcel into Veterans Park preservation of the parcel also prevents nonpoint source pollution from entering Martins Lake. The preservation and conservation of land is important to help protect and maintain water quality in the project area. In general the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project includes the acquisition of Klockner Woods property to preserve open space and to protect water quality.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Brick Township		
Project No.:	S343010-02	Eligible Project Cost:	$4,345,207
Rank:	1005		
County:	Ocean	Total State Amount:	$4,345,207

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.066473
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.066473

Project Name, Number	Priority List Rank
Brick Township S343010-02 Open Space Land Acquisition and Conservation	1005

County

Ocean

Existing Population

66,473

Service Area

Township of Brick

Need for Project

The Township plans to purchase land for water quality protection. The preservation and conservation of land is important to help protect and maintain water quality in the project area including the Kettle Creek drainage area Beaver Dam watershed and unnamed tributaries of the Metedecank River. In general the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project includes the purchase eight parcels of land to preserve open space and to protect water quality. The purchase of the parcels will expand the Cedar Bridge Branch Greenway Midstreams Greenway and Metedecank Greenway.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Middletown Township		
Project No.:	S343021-02	Eligible Project Cost:	$3,193,018
Rank:	1006		
County:	Monmouth	Total State Amount:	$3,193,018

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.066327
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.066327

Project Name, Number	Priority List Rank
Middletown Township S343021-02 Open Space Land Acquisition and Conservation	1006

County

Monmouth

Existing Population

66,327

Service Area

Township of Middletown

Need for Project

The Township plans to purchase land along McClees Creek and its tributaries for water quality protection. The preservation and conservation of land is important to help protect and maintain water quality in the project area. In general the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project is for the purchase of a portion of the Tretter property to preserve open space and to protect water quality.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Old Bridge Township		
Project No.:	S343043-02	Eligible Project Cost:	$3,997,392
Rank:	1007		
County:	Middlesex	Total State Amount:	$3,997,392

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.060456
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.060456

Project Name, Number	Priority List Rank
Old Bridge Township S343043-02 Open Space Land Acquisition and Conservation	1007

County

Middlesex

Existing Population

60,456

Service Area

Township of Old Bridge

Need for Project

The Township plans to purchase land dominated with wetland areas 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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Gloucester Township		
Project No.:	S343014-01	Eligible Project Cost:	$1,328,374
Rank:	1008		
County:	Camden	Total State Amount:	$1,328,374

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.053797
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.053797

Project Name, Number | **Priority List Rank**

Gloucester Township
S343014-01 | 1008
Open Space Land Acquisition and Conservation

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:	Plainfield City		
Project No.:	S340240-04	Eligible Project Cost:	$78,934
Rank:	1009		
County:	Union	Total State Amount:	$78,934

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.047829
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.047829

Project Name, Number

Plainfield City
S340240-04
Well Sealing

Priority List Rank

1009

County

Union

Existing Population

47,829

Service Area

City of Plainfield

Need for Project

When new water system was installed existing contaminated potable wells for nine homes on First Place were never properly abandoned.

Project Description

The proposed project includes abandonment of potable wells for nine homes on First Place.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Washington Township		
Project No.:	S343044-01	Eligible Project Cost:	$1,019,650
Rank:	1010		
County:	Gloucester	Total State Amount:	$1,019,650

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.047114
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.047114

Project Name, Number

Washington Township
S343044-01
Open Space Land Acquisition and Conservation

Priority List Rank

1010

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:	Franklin Township		
Project No.:	S343017-01	Eligible Project Cost:	$21,625,688
Rank:	1011		
County:	Somerset	Total State Amount:	$21,625,688

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.04278
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.04278

Project Name, Number

Franklin Township
S343017-01
Open Space Land Acquisition and Conservation

Priority List Rank

1011

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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Evesham Township		
Project No.:	S343023-02	Eligible Project Cost:	$616,010
Rank:	1012		
County:	Burlington	Total State Amount:	$616,010

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.042275
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.042275

Project Name, Number

Evesham Township
S343023-02
Open Space Land Acquisition and Conservation

Priority List Rank

1012

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 Hamiliton-Georgetown tract and other available lands to preserve open space and to protect water quality.

Anticipated Recipient:	Sayreville Borough		
Project No.:	S343075-01	Eligible Project Cost:	$31,783,125
Rank:	1013		
County:	Middlesex	Total State Amount:	$31,783,125

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.040377
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.040377

Project Name, Number	Priority List Rank
Sayreville Borough S343075-01 Open Space Land Acquisition and Conservation	1013

County

Middlesex

Existing Population

40,377

Service Area

Borough of Sayreville

Need for Project

The ownerdeveloper of a currently vacant property has proposed building 207 single-family homes as well as some warehousing. Development of this tract would have adverse impacts on the stormwater management in the Borough and on the Raritan River and Raritan Bay. 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 a parcel of land within the Borough to preserve open space and to protect water quality.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Howell Township		
Project No.:	S343011-01	Eligible Project Cost:	$2,049,114
Rank:	1014		
County:	Monmouth	Total State Amount:	$2,049,114

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.038987
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.038987

Project Name, Number

Howell Township
S343011-01
Open Space Land Acquisition and Conservation

Priority List Rank

1014

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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Hackensack City		
Project No.:	S343024-01	Eligible Project Cost:	$735,292
Rank:	1015		
County:	Bergen	Total State Amount:	$735,292

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.037049
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.037049

Project Name, Number

Hackensack City
S343024-01
Open Space Land Acquisition and Conservation

Priority List Rank

1015

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:	Marlboro Township		
Project No.:	S343059-01	Eligible Project Cost:	$3,997,392
Rank:	1016		
County:	Monmouth	Total State Amount:	$3,997,392

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.036398
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.036398

Project Name, Number	Priority List Rank
Marlboro Township S343059-01 Open Space Land Acquisition and Conservation	1016

County

Monmouth

Existing Population

36,398

Service Area

Township of Marlboro

Need for Project

The Township plans to purchase land for water quality protection. Preservation and conservation of land is important to help protect and maintain water quality in the project area. In general the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project is for the purchase of land to preserve open space and to protect water quality.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Evesham Township		
Project No.:	S342003-01	Eligible Project Cost:	$2,969,927
Rank:	1017		
County:	Burlington	Total State Amount:	$2,969,927

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.035309
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.035309

Project Name, Number

Evesham Township
S342003-01
Landfill Closure

Priority List Rank

1017

County

Burlington

Existing Population

35,309

Service Area

Evesham Township

Need for Project

The Townships 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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Manalapan Township		
Project No.:	S343039-01	Eligible Project Cost:	$3,471,822
Rank:	1018		
County:	Monmouth	Total State Amount:	$3,471,822

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.033423
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.033423

Project Name, Number	Priority List Rank
Manalapan Township S343039-01 Open Space Land Acquisition and Conservation	1018

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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Mount Laurel Township		
Project No.:	S343015-01	Eligible Project Cost:	$4,174,867
Rank:	1019		
County:	Burlington	Total State Amount:	$4,174,867

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.03027
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.03027

Project Name, Number	Priority List Rank
Mount Laurel Township S343015-01 Open Space Land Acquisition and Conservation	1019

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:	Freehold Township		
Project No.:	S343018-01	Eligible Project Cost:	$2,718,518
Rank:	1020		
County:	Monmouth	Total State Amount:	$2,718,518

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.02471
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.02471

Project Name, Number	Priority List Rank
Freehold Township S343018-01 Open Space Land Acquisition and Conservation	1020

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:	West Windsor Township		
Project No.:	S343005-02	Eligible Project Cost:	$8,712,041
Rank:	1021		
County:	Mercer	Total State Amount:	$8,712,041

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.021907
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.021907

Project Name, Number

West Windsor Township
S343005-02
Open Space Land Acquisition and Conservation

Priority List Rank

1021

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 225 acres in the Duck Pond Run Basin Area to preserve open space and to protect water quality.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Burlington Township		
Project No.:	S343060-01	Eligible Project Cost:	$610,884
Rank:	1022		
County:	Burlington	Total State Amount:	$610,884

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.020294
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.020294

Project Name, Number	Priority List Rank
Burlington Township S343060-01 Open Space Land Acquisition and Conservation	1022

County

Burlington

Existing Population

20,294

Service Area

Burlington Township

Need for Project

The Township plans to purchase land from the Tillinghast property to preserve the water quality of Riggs Mill Creek. The preservation and conservation of land is important to help protect and maintain water quality in the project area. In general the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project includes the purchase of land on the Tillinghast property to preserve open space and to protect water quality.

Anticipated Recipient:	Randolph Township		
Project No.:	S343007-01	Eligible Project Cost:	$10,903,537
Rank:	1023		
County:	Morris	Total State Amount:	$10,903,537

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.019974
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.019974

Project Name, Number	Priority List Rank
Randolph Township S343007-01 Open Space Land Acquisition and Conservation	1023

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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Morris Township		
Project No.:	S343022-01	Eligible Project Cost:	$2,718,518
Rank:	1024		
County:	Morris	Total State Amount:	$2,718,518

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.019952
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.019952

Project Name, Number

Morris Township
S343022-01
Open Space Land Acquisition and Conservation

Priority List Rank

1024

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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Point Pleasant Borough		
Project No.:	S343025-01	Eligible Project Cost:	$654,846
Rank:	1025		
County:	Ocean	Total State Amount:	$654,846

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.018177
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.018177

Project Name, Number	Priority List Rank
Point Pleasant Borough S343025-01 Open Space Land Acquisition and Conservation	1025

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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Readington Township		
Project No.:	S343034-04	Eligible Project Cost:	$14,000,636
Rank:	1026		
County:	Hunterdon	Total State Amount:	$14,000,636

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.015803
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.015803

Project Name, Number	Priority List Rank
Readington Township S343034-04 Open Space Land Acquisition and Conservation	1026

County

Hunterdon

Existing Population

15,803

Service Area

Township of Readington

Need for Project

Open lands still remaining in Readington serve as water quality protection for the headwaters of vital tributaries to the North and South Branches to the Raritan River. The preservation and conservation of land is important to help protect and maintain water quality in the project area. In general the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project is for the purchase of land including parcels in the Raritan Basin Management Area to preserve open space and to protect water quality.

Anticipated Recipient:	Clinton Township		
Project No.:	S343012-01	Eligible Project Cost:	$12,493,115
Rank:	1027		
County:	Hunterdon	Total State Amount:	$12,493,115

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.012957
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.012957

Project Name, Number	Priority List Rank
Clinton Township S343012-01 Open Space Land Acquisition and Conservation	1027

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.:	S343003-01	Eligible Project Cost:	$11,714,265
Rank:	1028		
County:	Morris	Total State Amount:	$11,714,265

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.012898
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.012898

Project Name, Number	Priority List Rank
Hanover Township S343003-01 Open Space Land Acquisition and Conservation	1028

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.:	S343042-01	Eligible Project Cost:	$6,614,815
Rank:	1029		
County:	Atlantic	Total State Amount:	$6,614,815

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.012594
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.012594

Project Name, Number	Priority List Rank
Brigantine City S343042-01 Open Space Land Acquisition and Conservation	1029

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:	Oakland Borough		
Project No.:	S343070-01	Eligible Project Cost:	$15,516,767
Rank:	1030		
County:	Bergen	Total State Amount:	$15,516,767

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.012466
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.012466

Project Name, Number	Priority List Rank
Oakland Borough S343070-01 Open Space Land Acquisition and Conservation	1030

County

Bergen

Existing Population

12,466

Service Area

Borough of Oakland

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 land in the Highlands Protection Area to preserve open space and to protect water quality.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Burlington County		
Project No.:	S343068-01	Eligible Project Cost:	$76,721
Rank:	1031		
County:	Burlington	Total State Amount:	$76,721

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01026
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.01026

Project Name, Number	Priority List Rank
Burlington County S343068-01 Open Space Land Acquisition and Conservation	1031

County

Burlington

Existing Population

10,260

Service Area

Township of Marlton

Need for Project

The Township plans to purchase land for water quality protection. The propoerty contains riparian woodlands and wetlands. Conservation of this parcel would also provide additional protection for the stream corridor of the southbranch of the Rancocas Creek that bisects the property. 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 9.925 acres to preserve open space and to protect water quality.

Anticipated Recipient:	Montgomery Township		
Project No.:	S343029-01	Eligible Project Cost:	$4,594,151
Rank:	1032		
County:	Somerset	Total State Amount:	$4,594,151

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.009612
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.009612

Project Name, Number	Priority List Rank
Montgomery Township S343029-01 Open Space Land Acquisition and Conservation	1032

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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	River Vale Township		
Project No.:	S343064-01	Eligible Project Cost:	$6,614,815
Rank:	1033		
County:	Bergen	Total State Amount:	$6,614,815

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.009449
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.009449

Project Name, Number	Priority List Rank
River Vale Township S343064-01 Open Space Land Acquisition and Conservation	1033

County

Bergen

Existing Population

9,449

Service Area

Township OF River Vale

Need for Project

The Township plans to purchase land to preserve the water quality. The preservation and conservation of land is important to help protect and maintain water quality in the project area. In general the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project includes purchase of a wooded leased portion of the Bergen Hills Country Club to preserve open space and to protect water quality.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Chatham Township		
Project No.:	S343016-01	Eligible Project Cost:	$2,718,518
Rank:	1034		
County:	Morris	Total State Amount:	$2,718,518

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.009361
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.009361

Project Name, Number	Priority List Rank
Chatham Township S343016-01 Open Space Land Acquisition and Conservation	1034

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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Florham Park Borough		
Project No.:	S343001-01	Eligible Project Cost:	$9,782,685
Rank:	1035		
County:	Morris	Total State Amount:	$9,782,685

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008521
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.008521

Project Name, Number

Florham Park Borough
S343001-01
Open Space Land Acquisition and Conservation

Priority List Rank

1035

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.:	S343036-01	Eligible Project Cost:	$13,550,697
Rank:	1036		
County:	Burlington	Total State Amount:	$13,550,697

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00838
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.00838

Project Name, Number	Priority List Rank
Bordentown Township S343036-01 Open Space Land Acquisition and Conservation	1036

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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Byram Township		
Project No.:	S343047-01	Eligible Project Cost:	$1,915,067
Rank:	1037		
County:	Sussex	Total State Amount:	$1,915,067

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008254
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.008254

Project Name, Number | **Priority List Rank**

Byram Township
S343047-01 | 1037
Open Space Land Acquisition and Conservation

County

Sussex

Existing Population

8,254

Service Area

Township of Byram

Need for Project

The Township plans to purchase land for water quality protection. Preservation of the Lubbers Run Greenway will preserve and protect the stream corridor wetlands and watershed of Lubbers Run a trout maintenance stream and the largest tributary to the Musconetcong River. Byram is under extreme development pressure and the geological resources conducive to groundwater supplies are limited. Areas of high recharge like Lubbers Run Greenway need to be protected to maintain groundwater supplies in the Township.

Project Description

The proposed project is for the purchase of an easement on land adjacent to Lubbers Run Greenway. Purchase of this land will limit development and sprawl and will preserve open space and protect water quality.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Edgewater Park Township		
Project No.:	S343038-01	Eligible Project Cost:	$147,540
Rank:	1038		
County:	Burlington	Total State Amount:	$147,540

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007864
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.007864

Project Name, Number	Priority List Rank
Edgewater Park Township S343038-01 Open Space Land Acquisition and Conservation	1038

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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Milltown Borough		
Project No.:	S343052-01	Eligible Project Cost:	$4,653,327
Rank:	1039		
County:	Middlesex	Total State Amount:	$4,653,327

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.007

Project Name, Number	Priority List Rank
Milltown Borough S343052-01 Open Space Land Acquisition and Conservation	1039

County

Middlesex

Existing Population

7,000

Service Area

Borough of Milltown

Need for Project

The Borough plans to purchase land surrounding Mill Pond for water quality protection. Preservation and conservation of land is important to help protect and maintain water quality in the project area. In general the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project is for the purchase of land to Mill Pond to preserve open space and to protect water quality.

Anticipated Recipient:	Allendale Borough		
Project No.:	S343067-01	Eligible Project Cost:	$6,863,603
Rank:	1040		
County:	Bergen	Total State Amount:	$6,863,603

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.006699
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.006699

Project Name, Number	Priority List Rank
Allendale Borough S343067-01 Open Space Land Acquisition and Conservation	1040

County

Bergen

Existing Population

6,699

Service Area

Borough of Allendale

Need for Project

The Borough plans to purchase land on the Orchard Commons property to preserve open space. The preservation and conservation of land is important to help protect and maintain water quality in the project area. In general the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project includes the purchase of land on the Orchard Commons property to preserve open space and to protect water quality.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Mansfield Township		
Project No.:	S343040-01	Eligible Project Cost:	$1,641,302
Rank:	1041		
County:	Warren	Total State Amount:	$1,641,302

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.006653
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.006653

Project Name, Number

Mansfield Township
S343040-01
Open Space Land Acquisition and Conservation

Priority List Rank

1041

County

Warren

Existing Population

6,653

Service Area

Township of Mansfiled

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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Plumsted Township		
Project No.:	S343019-01	Eligible Project Cost:	$8,879,791
Rank:	1042		
County:	Ocean	Total State Amount:	$8,879,791

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.006005
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.006005

Project Name, Number	Priority List Rank
Plumsted Township S343019-01 Open Space Land Acquisition and Conservation	1042

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:	Fairfield Township		
Project No.:	S342004-01	Eligible Project Cost:	$1,645,877
Rank:	1043		
County:	Cumberland	Total State Amount:	$1,645,877

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005699
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.005699

Project Name, Number

Fairfield Township
S342004-01
Landfill Closure

Priority List Rank

1043

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:	Point Pleasant Beach Borough		
Project No.:	S343073-01	Eligible Project Cost:	$19,257,315
Rank:	1044		
County:	Ocean	Total State Amount:	$19,257,315

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005314
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.005314

Project Name, Number

Point Pleasant Beach Borough
S343073-01
Open Space Land Acquisition and Conservation

Priority List Rank

1044

County

Ocean

Existing Population

5,314

Service Area

Borough of Point Pleasant

Need for Project

The Borough plans to purchase land to preserve protect and maintain the native dune vegetation saltwater wetlands along the beach front and certain wildlife habitats. Acquisition of the properties will also assist the Borough in controlling development which result in the reduction of stormwater runoff that could have adverse impacts on the area. 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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Millstone Township		
Project No.:	S343009-01	Eligible Project Cost:	$11,714,265
Rank:	1045		
County:	Monmouth	Total State Amount:	$11,714,265

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005069
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.005069

Project Name, Number

Millstone Township
S343009-01
Open Space Land Acquisition and Conservation

Priority List Rank

1045

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.:	S343026-01	Eligible Project Cost:	$3,997,392
Rank:	1046		
County:	Burlington	Total State Amount:	$3,997,392

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.004962
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.004962

Project Name, Number	Priority List Rank
Eastampton Township S343026-01 Open Space Land Acquisition and Conservation	1046

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:	Mendham Township		
Project No.:	S343031-01	Eligible Project Cost:	$5,308,104
Rank:	1047		
County:	Morris	Total State Amount:	$5,308,104

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.004537
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.004537

Project Name, Number

Mendham Township
S343031-01
Open Space Land Acquisition and Conservation

Priority List Rank

1047

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.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	East Amwell Township		
Project No.:	S343062-01	Eligible Project Cost:	$500,588
Rank:	1048		
County:	Hunterdon	Total State Amount:	$500,588

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.004455
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.004455

Project Name, Number

East Amwell Township
S343062-01
Open Space Land Acquisition and Conservation

Priority List Rank

1048

County

Hunterdon

Existing Population

4,455

Service Area

East Amwell Township

Need for Project

The Township plans to purchase land within the Sourland Mountain District to preserve the water quality. The preservation and conservation of land is important to help protect and maintain water quality in the project area. In general the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project includes the purchase of land to preserve open space and to protect water quality.

Anticipated Recipient:	Cape May City		
Project No.:	S343045-01	Eligible Project Cost:	$5,308,104
Rank:	1049		
County:	Cape May	Total State Amount:	$5,308,104

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.004034
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.004034

Project Name, Number

Cape May City
S343045-01
Open Space Land Acquisition and Conservation

Priority List Rank

1049

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. This project is less than 2000 feet from the Atlantic Ocean and 1000 feet from a Green Acres conservation area which protects the southern shoreline of Cape May Harbor. In general the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project includes the purchase of Sewell Point Tract which consists of approximately 90 palustrine wetlands that are stated to be of exceptional resource value. The parcel currently exists as a wildlife sanctuary with the threat of residential development on 10 of the parcel. The proposed project will not only preserve open space and protect water quality but will also protect several species of threatened and endangered birds that have been identified on the parcel.

Anticipated Recipient:	High Bridge Borough		
Project No.:	S343072-02	Eligible Project Cost:	$5,570,096
Rank:	1050		
County:	Hunterdon	Total State Amount:	$5,570,096

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003776
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.003776

Project Name, Number	Priority List Rank
High Bridge Borough S343072-02 Open Space Land Acquisition and Conservation	1050

County

Hunterdon

Existing Population

3,776

Service Area

Borough of High Bridge

Need for Project

The Borough plans to purchase land for the preservation of land on the South Branch of the Raritan River. The property contains wetlands steep slopes and both open and wooded areas. The property also contains Lake Solitude and the Historic Solitude House. 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 South Branch of the Raritan River to preserve open space and to protect water quality.

Anticipated Recipient:	Mine Hill Township		
Project No.:	S343053-01	Eligible Project Cost:	$1,396,910
Rank:	1051		
County:	Morris	Total State Amount:	$1,396,910

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003679
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.003679

Project Name, Number

Mine Hill Township
S343053-01
Open Space Land Acquisition and Conservation

Priority List Rank

1051

County

Morris

Existing Population

3,679

Service Area

Township of Mine Hill

Need for Project

The Township plans to purchase the Dickerson Mine Tract which is the headwaters of Dicker Mine Brook Shaw Brook and Lamington River 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 the Dickerson Mine Tract and other parcels to preserve open space and to protect water quality.

Anticipated Recipient:	National Park Borough		
Project No.:	S342019-01	Eligible Project Cost:	$12,583,490
Rank:	1052		
County:	Gloucester	Total State Amount:	$12,583,490

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003205
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.003205

Project Name, Number

National Park Borough
S342019-01
Landfill Closure

Priority List Rank

1052

County

Gloucester

Existing Population

3,205

Service Area

National Park Borough

Need for Project

The Borough of National Park is required by the State Regulations to implement the closure of the landfill site in accordance with the applicable Solid Waste Rules. The implementation of the closure and preparing the site for development is a priority for the Borough of National Park. This sizable contaminated property is situated in the center of the Borough with no prospects for development. The Borough is very much interested in getting the property to be put to a productive use. The Borough has two alternatives implementation of closure only or implementation of closure and development of the site for the installation of PV Solar system. Therefore the implementation of the landfill closure is needed for both alternatives.

Project Description

It is the intent of the Borough of National Park to implement an NJDEP approved environmentally sound closure of the landfill and prepare the site for future use. The Borough has solicited bids for the installation of a Photo Voltaic solar system on the site and has faced a difficulty in getting the site closed and developed due to the high cost of implementing proper closure.

Anticipated Recipient:	Peapack Gladstone Borough		
Project No.:	S343049-01	Eligible Project Cost:	$1,054,062
Rank:	1053		
County:	Somerset	Total State Amount:	$1,054,062

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.002433
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.002433

Project Name, Number	Priority List Rank
Peapack Gladstone Borough S343049-01 Open Space Land Acquisition and Conservation	1053

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:	Estell Manor City		
Project No.:	S342002-01	Eligible Project Cost:	$1,572,251
Rank:	1054		
County:	Atlantic	Total State Amount:	$1,572,251

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001404
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.001404

Project Name, Number	Priority List Rank
Estell Manor City S342002-01 Landfill Closure	1054

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:	Trenton City		
Project No.:	S340416-13	Eligible Project Cost:	$10,091,960
Rank:	1055		
County:	Mercer	Total State Amount:	$10,091,960

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.085403
			BDA Points	10
			Transit Villages	0
			TOTAL POINTS	135.085403

Project Name, Number | **Priority List Rank**

Trenton City
S340416-13 | 1055
Remedial Action/Contaminated Site Cleanups (Brownfields)

County

Mercer

Existing Population

85,403

Service Area

City of Trenton

Need for Project

Clean-up of the contaminated industrial sites along Assunpink Creek will remove the potential of polluting the Creek and groundwater. The clean-up will allow Trenton to convert the area into a recreational greenway which will increase the permeable surface within the watershed.

Project Description

The proposed project includes the remediation of soil contamination on several parcels along the Assunpink Creek. These parcels are contaminated with petroleum heavy metals and PCBs from previous years of industrial use.

Anticipated Recipient:	Camden Redevelopment Agency		
Project No.:	S340044-01	Eligible Project Cost:	$172,309,961
Rank:	1056		
County:	Camden	Total State Amount:	$172,309,961

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.079904
			BDA Points	10
			Transit Villages	0
			TOTAL POINTS	135.079904

Project Name, Number	Priority List Rank
Camden Redevelopment Agency S340044-01 Remedial Action/Contaminated Site Cleanups (Brownfields)	1056

County

Camden

Existing Population

79,904

Service Area

City of Camden

Need for Project

The Harrison Avenue Landfill is no longer in operation. The landfill has not been properly closed in accordance with applicable regulations. The runoff and leachate from this landfill discharges to surrounding water bodies and groundwater and adversely impacts water quality in the project area.

Project Description

The proposed project includes the remediation the Harrison Avenue Landfill capping 260 acres to reduce leachate generation excavation and disposal of contaminated soils in-situ groundwater treatment sheet piling of certain sections along the Delaware and Cooper Rivers and sanitary and storm sewer improvements.

Anticipated Recipient:	Bayonne Local Redevelopment Authority		
Project No.:	S340051-05	Eligible Project Cost:	$2,451,173
Rank:	1057		
County:	Hudson	Total State Amount:	$2,451,173

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.061842
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	125.061842

Project Name, Number	Priority List Rank
Bayonne Local Redevelopment Authority S340051-05 Stormwater Management - Gray Infrastructure	1057

County

Hudson

Existing Population

61,842

Service Area

Penninsula at Bayonne Harbor

Need for Project

Existing conditions on the site allow for stormwater to collect within the exposed basement of the former industrial building and stagnatemix with the demolition debris. These conditions contribute to water stagnation and unknown water quality consequences of standing water in demolition debris. The proposed project will 1) result in removal fo the debris 2) bring the site to grade so that basement water collection cannot occur and 3) facilitate the collection of stormwater into the existing on-site system. The project will also serve to prepare the site for DEP-approved redevelopment of the site which includes substantial water quality and flood control measures.

Project Description

The project is located on the Peninsula at Bayonne Harbor which is the site of the former Military Ocean Terminal - Bayonne (MOTBY). The proposed work consists of completing the US Armys unfinished demolition of a former warehouse structure and preparing the demolished footprint for collection of stormwater into the existing system. Under existing conditions the unfinished demolition has created a hole in the ground which collects stormwater that stagnates and mixes with the debris. The proposed work will complete the demolition and removal of concrete from the basement hole fill in the hole with material and prepare the surface for routing of stormwater to the existing system that surrounds the former building. The project is fully permitted with the exception of soil erosion and sediment control permit application that is currently being prepared.

Anticipated Recipient:	Bayonne Local Redevelopment Authority		
Project No.:	S340051-06	Eligible Project Cost:	$3,471,822
Rank:	1057		
County:	Hudson	Total State Amount:	$3,471,822

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.061842
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	125.061842

Project Name, Number	Priority List Rank
Bayonne Local Redevelopment Authority S340051-06 Stormwater Management - Gray Infrastructure	1057

County

Hudson

Existing Population

61,842

Service Area

Penninsula at Bayonne Harbor

Need for Project

Existing conditions on the site allow for stormwater to fall on 90 acres of unstabilized soil that has been placed on the Peninsula to raise the site out of the floodplain. These conditions contribute suspended sediment into the stormwater via both 1) sheetflow and 2) wind-blown sand that deposits on the street system. The proposed project will substantially reduce soil erosion and the introduction of suspended sediment into the adjoining New York Harbor.

Project Description

The project is located on the Peninsula at Bayonne Harbor site of the former Military Ocean Terminal - Bayonne (MOTBY). The proposed work consists of stabilizing approximately 90 acres of unstabilized soil that has been deposited on the site to raise it out of the floodplain. Specifically the work consists of final grading and the placement of topsoil & hydroseed to stabilize the 90 acre area. Upon completion stormwater across the stabilized area will be collected in a stormwater collection and treatment system that is currently under construction (using NJEIT funding). The project is fully permitted and shovel ready.

Anticipated Recipient:	Bayonne Local Redevelopment Authority		
Project No.:	S340051-07	Eligible Project Cost:	$7,111,175
Rank:	1057		
County:	Hudson	Total State Amount:	$7,111,175

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.061842
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	125.061842

Project Name, Number	Priority List Rank
Bayonne Local Redevelopment Authority S340051-07 Stormwater Management - Gray Infrastructure	1057

County

Hudson

Existing Population

61,842

Service Area

Penninsula at Bayonne Harbor

Need for Project

Existing conditions on the site allow for stormwater to sheetflow across the site and directly over the collapsed bulkhead and into New York Harbor. These conditions contribute to poor water quality and sedimentation of the Harbor. The proposed project will 1) prevent additional erosion and associated Harbor siltation from occurring 2) facilitate stormwater collection and discharge and 3) serve as the basis for the DEP-approved redevelopment of the site which includes substantial water quality and flood control measures.

Project Description

The project is located on the Peninsula at Bayonne Harbor site of the former Military Ocean Terminal - Bayonne (MOTBY). The proposed work consists of reconstructing a shoreline area where approximately 1800 feet of bulkhead has completely collapsed and the associated upland stormwater collection system is no longer functional. The existing conditions allow unfettered stormwater sheetflow to enter directly into New York Harbor. The proposed project would reconstruct the 1800 foot section of failed bulkhead stormwater outfalls and associated upland stormwater collection infrastructure for purposes of remedying the existing uncontrolled condition. The project is fully permitted (NJDEP and Army Corps) with the exception of a soil erosion and sediment control permit for which a permit application is presently being prepared.

Anticipated Recipient:	Kearny Town		
Project No.:	S340259-12	Eligible Project Cost:	$961,810
Rank:	1060		
County:	Hudson	Total State Amount:	$961,810

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.040684
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	125.040684

Project Name, Number

Kearny Town
S340259-12
Remedial Action/Contaminated Site Cleanups (Brownfields)

Priority List Rank

1060

County

Hudson

Existing Population

40,684

Service Area

This project is proposed at the 24-acre Gunnel Oval Recreational Complex which services the entire populous of the Town of Kearny that participates in active or passive recreation. It is a multi-sport facility whose existing and proposed facilities include various regulation sized fields for baseball, softball, soccer, and football as well as a skate park and proposed basketball courts. This project proposes to mitigate exposure to existing historic fill materials through design of an engineered cap which incorporates the artificial turf and underdrain cross-section, for which the Town has submitted to the State's Hazardous Discharge Site Remediation Fund (HDSRF). This project will also positively impact the surrounding residential and industrial neighborhoods through construction of improved stormwater management controls to mitigate the impact of flooding in connection with the tidal influence of the Kearny Marsh ecosystem.

Need for Project

This project will also positively impact the surrounding residential and industrial neighborhoods through construction of improved stormwater management controls to mitigate the impact of flooding in connection with the tidal influence of the Kearny Marsh ecosystem. The proposed stormwater management controls include direct collection of runoff through the artificial turf underdrain system, establishing on-site detention systems for volume control, potential extended detention systems for NJDEP water quality compliance, and improved discharge capabilities through construction of new outfalls with backflow preventors within the tidal Kearny Marsh ecosystem.

Project Description

This project has both a Remedial Action Contaminated Site Cleanup (Brownfield) component as well as a Stormwater Management (Clean Water) initiative component. The primary objective of this project is redevelopment of the Gunnel Oval Recreational Complex as a modern artificial turf sports complex including the environmental component of an engineered cap to minimize potential exposure to historic fill materials present on-site while implementing stormwater management controls that minimize the impact of frequent flooding at this complex and surrounding residential and industrial neighborhoods due to the influence of the tidal Kearny Marsh.

Anticipated Recipient:	Kearny Town		
Project No.:	S340259-13	Eligible Project Cost:	$107,557,474
Rank:	1060		
County:	Hudson	Total State Amount:	$107,557,474

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.040684
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	125.040684

Project Name, Number	Priority List Rank
Kearny Town S340259-13 Stormwater Management - Gray Infrastructure	1060

County

Hudson

Existing Population

40,684

Service Area

This proposed project will enhance the water quality for the Kearny Point Industrial Park located on the southern most tip of the Kearny peninsula.

Need for Project

The general condition of the Water Facilities is very poor. The differential soil settlement on the Project Service Area has caused negative drainage slopes and damage to the underground piping, which requires constant repairs in order to keep the existing Water Facilities in just a minimally functional capacity. The paved areas of the Project Service Area are primarily uncurbed and have poor positive drainage, which results in water being improperly channeled and draining directly into adjacent waterways. Due to the obsolete and ineffective underground Water Facilities, stormwater on the site is not cleaned of impurities, as required by current water quality standards.

Project Description

The proposed water quality improvement project at Kearny Point Industrial Park will provide necessary and substantial improvements and enhancements to the water stormwater and sanitary sewer infrastructure systems at Kearny Point. The Project components include the demolition of existing substandard buildings and infrastructure removal and replacement of the deteriorating Water Facilities implementation of a necessary ground improvement program on soils on the site to minimize settlement that would damage the reconstructed Water Facilities and construction of an impervious cap through appropriate building foundations and asphalt-paved roadways that will mitigate and prevent any further contamination of the site the surrounding areas and the Hackensack River.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-32	Eligible Project Cost:	$7,645,200
Rank:	1062		
County:	Hudson	Total State Amount:	$7,645,200

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.257342
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	110.257342

Project Name, Number

Jersey City Municipal Utilities Authority
S340928-32
Water Efficiency / Water Meters

Priority List Rank

1062

County

Hudson

Existing Population

257,342

Service Area

Property locations throughout Jersey City.

Need for Project

n/a

Project Description

The AMI project involves the design and installation of 2 Sensus M400 collectors that include cell modems, brackets, mounts, cabling and antennas. The project also includes the installation of 32,000 end point transmitters at each meter location. The total cost of the project is $6,371,000.

Anticipated Recipient:	Hudson County Improvement Authority		
Project No.:	S340094-02	Eligible Project Cost:	$0
Rank:	1063		
County:	Hudson	Total State Amount:	$0

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.677983
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.677983

Project Name, Number | **Priority List Rank**

Hudson County Improvement Authority
S340094-02 | 1063
Remedial Action/Contaminated Site Cleanups (Brownfields)

County

Hudson

Existing Population

677,983

Service Area

The Site has been divided based on previous plant processes, physical characteristics and remedial measures into the following three areas: 1. Eastern Area: the location of former coal tar plant and coke plant and gas processing areas, and the location of the interim dense non-aqueous phase liquid (DNAPL) recovery system. The Eastern Area also includes the former parking lot and office area, which is located south of the NJ Transit rail line (also designated as the Southern Area). 2. Central Area: the location of the former coke/coal storage east area and former cyanide/sulfuric acid plant area. It is characterized by the previous remedial activities (e.g., waste removal) and placement of gravel cover; and 3. Western Area: the location of former light oil residue, oxide waste, and west coke/coal storage areas, which is characterized by waste piles, surficial tar, chromium deposits and wetlands. This area also includes the 13-acre parcel included in the SCCC Superfund site.

Need for Project

The site was once used for industrial operations resulting in extensive contamination. The construction of Spine Road acts as a cap and the development includes the installation of an extensive stormwater management system to replace the existing four detention basins on Site. In the new stormwater management system, stormwater runoff will be collected and conveyed via roof drains, catch basins and associated piping and discharged to the Hackensack River. The stormwater collected from the parking lots will be collected and treated via an underground treatment system to remove sediment and fines and trap hydrocarbons (e.g.,Vortechs hydrodynamic separator) prior to discharge to the river. The stormwater conveyance system will be designed to minimize the barrier wall penetrations and contact with contaminated soil and groundwater. Based on the proposed Site grading plan, stormwater lines are expected to be located at depths above historical contamination.

Project Description

The proposed plan for the Site includes four warehouse buildings (Building 1 through Building 4). Building 1 will be approximately 746,700 square feet (SF), Building 2 approximately 490,750 SF, Building 3 approximately 386,700 SF, and Building 4 approximately 405,000 SF. Each building will have adjacent parking lots for trucks, cars and trailers. An access road is proposed along the southern border of the Site, with entrances to the Site at the southeastern corner of Building 1 and through the neighboring SCCC site to the west. The MKA portion of the Site is planned for near-term redevelopment.

Anticipated Recipient:	Elizabeth City		
Project No.:	S340942-06	Eligible Project Cost:	$3,340,073
Rank:	1064		
County:	Union	Total State Amount:	$3,340,073

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.120568
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.120568

Project Name, Number	Priority List Rank
Elizabeth City S340942-06 Remedial Action/Contaminated Site Cleanups (Brownfields)	1064

County

Union

Existing Population

120,568

Service Area

City of Elizabeth

Need for Project

A redevelopment project in Elizabeth will elimnate contaminated runoff and leachate from discharges to surrounding water bodies and groundwater that could adversely impact water quality in the project area.

Project Description

The proposed project includes the remediation a site in the City of Elizabeth to remove contaminated soils.

Anticipated Recipient:	Elizabeth City		
Project No.:	S340942-10	Eligible Project Cost:	$9,911,578
Rank:	1064		
County:	Union	Total State Amount:	$9,911,578

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.120568
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.120568

Project Name, Number | **Priority List Rank**

Elizabeth City
S340942-10 | 1064
Remedial Action/Contaminated Site Cleanups (Brownfields)

County

Union

Existing Population

120,568

Service Area

City of Elizabeth

Need for Project

The former Borne Chemical Site in Elizabeth needs remedial measures to support brownfield development and provide significant environmental benefits. Placement of an impermeable cap along with installation of stormwater controls and construction of a bulkhead will ensure that rain water will not mobilize contaminates and pollute groundwater or the adjacent Arthur Kill River.

Project Description

The proposed project includes demolition of existing buildings installation of an impermeable cap and cover system installation of stormwater controls and construction of a bulkhead.

Anticipated Recipient:	Trenton City		
Project No.:	S340087-01	Eligible Project Cost:	$2,844,687
Rank:	1066		
County:	Mercer	Total State Amount:	$2,844,687

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.085403
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.085403

Project Name, Number	Priority List Rank
Trenton City S340087-01 Stormwater Management - Green Infrastructure	1066

County

Mercer

Existing Population

85,403

Service Area

City of Trenton

Need for Project

The City of Trenton proposes to redevelop twenty city lots in the area of Montgomery and East State Street which will be known as Trenton Town Center. Remediation of contaminated soils will be required along with installation of stormwater infrastructure that includes the use of green and wastewater reuse technolgies to reduce stormwater runoff and wastewater generation.

Project Description

The proposed project includes remediation of contaminated soils and installation of stormwater infrastructure that includes the use of green and wastewater reuse technologies.

Anticipated Recipient:	Camden Redevelopment Agency		
Project No.:	S340044-02	Eligible Project Cost:	$45,383,793
Rank:	1067		
County:	Camden	Total State Amount:	$45,383,793

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.079904
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.079904

Project Name, Number	Priority List Rank
Camden Redevelopment Agency S340044-02 Remedial Action/Contaminated Site Cleanups (Brownfields)	1067

County

Camden

Existing Population

79,904

Service Area

City of Camden

Need for Project

A redevelopment project in Camden will elimnate contaminated runoff and leachate from discharges to surrounding water bodies and groundwater that could adversely impact water quality in the project area.

Project Description

The proposed project includes the remediation a site in the City of Camden including installation of sanitary and storm sewer systems.

Anticipated Recipient:	Camden Redevelopment Agency		
Project No.:	S340044-03	Eligible Project Cost:	$13,000,360
Rank:	1067		
County:	Camden	Total State Amount:	$13,000,360

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.079904
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.079904

Project Name, Number	Priority List Rank
Camden Redevelopment Agency S340044-03 Non-Point Source (NPS) Pollution Controls	1067

County

Camden

Existing Population

79,904

Service Area

City of Camden

Need for Project

A redevelopment project in Camden will elimnate the potential for the discharge of contaminants to surrounding water bodies and groundwater that could adversely impact water quality in the project area.

Project Description

The proposed project includes remediation of the former RCA Building No. 8 in the City of Camden. This project includes the removal of contaminated debris and the clean up of PCBs lead asbestos and dioxins.

Anticipated Recipient:	Camden City		
Project No.:	S340366-16	Eligible Project Cost:	$600,000
Rank:	1069		
County:	Camden	Total State Amount:	$600,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.077344
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.077344

Project Name, Number	Priority List Rank
Camden City S340366-16 Water Efficiency / Water Meters	1069

County

Camden

Existing Population

77,344

Service Area

Entire City Of Camden

Need for Project

AMR allows the City to more closely monitor citywide consumption and more effectively manage the city's water supply system.

Project Description

The purchase of the Automatic Meter Reading Equipment will replace existing outdated equipment used by the City to read the water registers/meter.

Anticipated Recipient:	East Orange City		
Project No.:	S340843-02	Eligible Project Cost:	$6,840,000
Rank:	1070		
County:	Essex	Total State Amount:	$6,840,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.06427
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.06427

Project Name, Number	Priority List Rank
East Orange City S340843-02 Water Efficiency / Water Meters	1070

County

Essex

Existing Population

64,270

Service Area

65,078

Need for Project

n/a

Project Description

Small Water Meters and Large Water Meters Replacement project, including meter and billing software and conversion of ethernet connections for SCADA.

Anticipated Recipient:	North Bergen Township		
Project No.:	S340652-08	Eligible Project Cost:	$3,997,392
Rank:	1071		
County:	Hudson	Total State Amount:	$3,997,392

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.058092
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.058092

Project Name, Number	Priority List Rank
North Bergen Township S340652-08 Stormwater Management - Gray Infrastructure	1071

County

Hudson

Existing Population

58,092

Service Area

Township of North Bergen

Need for Project

Stabilization of the shoreline will reduce erosion and eliminate parts of the shoreline being washed into the Hudson River. Elevation of the bank will reduce flooding that washes contaminates into the river.

Project Description

The proposed project includes stabilization and flood control along the Hudson River.

Anticipated Recipient:	North Bergen Municipal Utilities Authority		
Project No.:	S340652-11	Eligible Project Cost:	$2,468,581
Rank:	1071		
County:	Hudson	Total State Amount:	$2,468,581

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.058092
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.058092

Project Name, Number	Priority List Rank
North Bergen Municipal Utilities Authority S340652-11 Sewage Treatment Plant (STP) - Expansion	1071

County

Hudson

Existing Population

58,092

Service Area

North Bergen Township

Need for Project

North bergen is decommissioning its Central Treatment Plant which has been replaced.

Project Description

The project includes the demolition and removal of the existing RBC media RBC vessels Roto strainers Lamella Units and distribution splitter boxes at the Central Treatment Plant.

Anticipated Recipient:	New Brunswick City		
Project No.:	S340437-12	Eligible Project Cost:	$3,340,073
Rank:	1073		
County:	Middlesex	Total State Amount:	$3,340,073

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.048573
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.048573

Project Name, Number	Priority List Rank
New Brunswick City S340437-12 Remedial Action/Contaminated Site Cleanups (Brownfields)	1073

County

Middlesex

Existing Population

48,573

Service Area

New Brunswick Piscataway Highland Park East Brunswick North Brunswick

Need for Project

Clean-up of the contaminated industrial site along Spring Street will remove the potential of polluting the nearby waterways as well as groundwater.

Project Description

The proposed project includes the clean-up of the an industrial site along Spring Street.

Anticipated Recipient:	Atlantic City Municipal Utilities Authority		
Project No.:	S340439-04	Eligible Project Cost:	$2,230,000
Rank:	1074		
County:	Atlantic	Total State Amount:	$2,230,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.037804
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.037804

Project Name, Number

Atlantic City Municipal Utilities Authority
S340439-04
Water Efficiency / Water Meters

Priority List Rank

1074

County

Atlantic

Existing Population

37,804

Service Area

Encompasses the City Of Atlantic City

Need for Project

Improve customer service, improve staff efficiency, advanced notification of homeowner leaks, AMR intelligence to quickly resolve issues in the field, enhance the accuracy of low and high flows, reduce operation and maintenance cost.

Project Description

The Atlantic City Municipal Utilities Authority (ACMUA) would like initiate a comprehensive water meter and MTU replacement program that will upgrade or replace approximately six thousand five hundred (6500) meter and MTU's throughout the city of Atlantic City. The replacement program will consist of 5/8", 3/4", and 1"-4" meters. The ACMUA plans on accomplishing this program by utilizing the Authority's staff to install the new meters.

Anticipated Recipient:	Asbury Park City		
Project No.:	S340883-08	Eligible Project Cost:	$63,000,000
Rank:	1075		
County:	Monmouth	Total State Amount:	$63,000,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.016116
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.016116

Project Name, Number	Priority List Rank
Asbury Park City S340883-08 Sewage Treatment Plant (STP) - Improvement/Upgrade	1075

County

Monmouth

Existing Population

16,116

Service Area

The City of Asbury Park

Need for Project

the proposed construction would eliminate an existing treatment plant outfall

Project Description

Sewer Plant

Anticipated Recipient:	Harrison Town		
Project No.:	S340341-05	Eligible Project Cost:	$31,783,125
Rank:	1076		
County:	Hudson	Total State Amount:	$31,783,125

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.014424
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.014424

Project Name, Number	Priority List Rank
Harrison Town S340341-05 Remedial Action/Contaminated Site Cleanups (Brownfields)	1076

County

Hudson

Existing Population

14,424

Service Area

Town of Harrison

Need for Project

Clean-up of the former Hartz site that is contaminated with PCBs chlorinated solvents base neutrals and priority pollutant metals. The clean-up will remove the potential of polluting the nearby waterways as well as groundwater.

Project Description

The proposed project includes the clean-up of the redevelopment of the Hartz site.

Anticipated Recipient:	Union County Improvement Authority		
Project No.:	S340124-01	Eligible Project Cost:	$23,069,596
Rank:	1077		
County:	Union	Total State Amount:	$23,069,596

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.011
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.011

Project Name, Number

Union County Improvement Authority
S340124-01
Non-Point Source (NPS) Pollution Controls

Priority List Rank

1077

County

Union

Existing Population

11,000

Service Area

City of Elizabeth

Need for Project

The former Celadon Site in Elizabeth needs remedial measures to support brownfield development and provide significant environmental benefits. Stormwater controls will ensure that rain water will not mobilize contaminates and pollute groundwater or the adjacent Newark Bay.

Project Description

The proposed project includes installation of stormwater controls.

Anticipated Recipient:	Hardyston Municipal Utility Authority		
Project No.:	S340532-01	Eligible Project Cost:	$486,000
Rank:	1078		
County:	Sussex	Total State Amount:	$486,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	50
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0029
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.0029

Project Name, Number

Hardyston Municipal Utility Authority
S340532-01
Water Efficiency / Water Meters

Priority List Rank

1078

County

Sussex

Existing Population

2,900

Service Area

The project will replace meters for both the Crystal Springs development and Indian Fields public water systems. Indian Fields includes 360 residential customers consisting of townhomes and single family detached units. Crystal Springs includes 1017 residential customers. Units include condos, townhomes and single family units and a resort hotel and conference center.

Need for Project

Install lead free water meters helps create better water use conversation practices resulting in less sewer discharge and improving overall water quality

Project Description

Replace approximately 1,000 meters within the Crystal Springs and Indian Fields water systems with radio-read meters in order to enable the HTMUA to transition from flat-rate billing to consumption based billing helping to better influence consumption behaviors and therefore reduce sewer discharge.

Anticipated Recipient:	East Orange City		
Project No.:	S340843-03	Eligible Project Cost:	$8,506,931
Rank:	1079		
County:	Essex	Total State Amount:	$8,506,931

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.06427
			BDA Points	10
			Transit Villages	10
			TOTAL POINTS	95.06427

Project Name, Number	Priority List Rank
East Orange City S340843-03 Sanitary Sewer System Rehabilitation	1079

County

Essex

Existing Population

64,270

Service Area

The Project will enhance the water quality of a western portion of the City of East Orange for a population of approximately 1,800 current and new users.

Need for Project

The Water Facilities in and around the project site are substandard and in need of reconstruction or rehabilitation. The site is also currently designated as a Brownfield site. The Project will include the construction of an impervious cap, through appropriate building foundations and asphalt-paved roadways, that will mitigate and prevent any further contamination of the site and the surrounding areas as well as the implementation of a necessary ground water remediation program. Additionally, existing sanitary and stormwater infrastructure will be improved as part of the project along with the installation of new sanitary and stormwater systems associated with the new users.

Project Description

The proposed water quality improvement project (the "Project") at the Crossings at Brick Church will provide necessary and substantial improvements and enhancements to the stormwater and sanitary sewer infrastructure systems (the "Water Facilities") in the area. The Project includes the demolition of existing building and substandard infrastructure, replacement and rehabilitation of the Water Facilities, implementation of a necessary ground water remediation program and construction of the impervious cap, through appropriate building foundations and asphalt-paved roadways, that will mitigate and prevent any further contamination of the site and the surrounding areas.

Anticipated Recipient:	Somerville Borough		
Project No.:	S342013-01-1	Eligible Project Cost:	$753,198
Rank:	1080		
County:	Somerset	Total State Amount:	$753,198

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0124
			BDA Points	10
			Transit Villages	10
			TOTAL POINTS	95.0124

Project Name, Number | **Priority List Rank**

Somerville Borough
S342013-01-1 | 1080
Remedial Action/Contaminated Site Cleanups (Brownfields)

County

Somerset

Existing Population

12,400

Service Area

NA

Need for Project

This project will remediate Contaminated Ground Water entering the Raritan River

Project Description

Somerville Green Seam Construction Phase II - Ground Water Remediation Note: This application is not a new request for funding, but a request for a further release of EIT funds based on the already approved $3.9 million from project #S342013-1. A contract has been awarded for $8.2 million leaving a balance of funds available from the approved amount of $1.85 million of which the estimated $627,665 would be applied against when this element is approved and the bid awarded. This amount represents 25% of the total estimate of $2,510,662 of which 75% is being funded through the DEP HDSRF program.

Anticipated Recipient:	Carteret Borough		
Project No.:	S340939-07	Eligible Project Cost:	$23,882,313
Rank:	1081		
County:	Middlesex	Total State Amount:	$23,882,313

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022844
			BDA Points	10
			Transit Villages	0
			TOTAL POINTS	85.022844

Project Name, Number | **Priority List Rank**

Carteret Borough
S340939-07 | 1081
Remedial Action/Contaminated Site Cleanups (Brownfields)

County

Middlesex

Existing Population

22,844

Service Area

These improvements shall be available to service all recreational boaters and fisherman along the Arthur Kill, between Perth Amboy and Elizabeth by providing a marina with approximately 200 slips, as well as those from outside the immediate area who wish to store their vessels in the marina. The marina will also service boaters from outside of this area who are passing through the Arthur Kill.

Need for Project

Water quality will be enhanced by the removal and amendment of existing contaminated materials within the existing cove, totaling approximately 130,000 cubic yards. Many of these contaminants are due to industrial processes and dumping which occurred along the Arthur Kill throughout the twentieth century. Guided by multiple soil boring throughout the existing cove, this project proposes the complete removal all contaminated sediment with appropriate bulkheads and slope stabilization to prevent further migration of contaminants into the Arthur Kill to improve the overall quality of the waterway for native species and recreational users.

Project Description

The project generally consists of the dredging of approximately 130,000 cubic yards of contaminated sediment from the Carteret Marina, and the construction of a bulkhead, wetlands mudflat enhancements, and bio-engineered slope stabilization. The sediment contains a number of contaminants, including arsenic and semi-volatile organic compounds. Contaminated sediment will be dredged and disposed of in accordance with all applicable NJDEP requirements.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Salem County Improvement Authority		
Project No.:	S342022-01	Eligible Project Cost:	$8,940,401
Rank:	1082		
County:	Salem	Total State Amount:	$8,940,401

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.660083
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.660083

Project Name, Number	Priority List Rank
Salem County Improvement Authority S342022-01 Landfill Construction	1082

County

Salem

Existing Population

660,083

Service Area

The service area is the entire County of Salem, New Jersey.

Need for Project

The landfill cell construction is needed to provide for the environmentally sound disposal of Salem County's solid waste in accordance with the County and State solid waste management policies and regulations. The landfill cell will include a double-composite liner system designed and constructed in accordance with NJDEP regulations and the SCIA solid waste facility permit to protect ground water and surface water quality.

Project Description

The project includes an 8.3-acre landfill cell, which is one phase of a 31-acre landfill expansion. The landfill design includes a double composite liner system designed and permitted in accordance with NJDEP regulations.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Pollution Control Financing Authority of Camden County		
Project No.:	S342025-01	Eligible Project Cost:	$14,060,804
Rank:	1083		
County:	Camden	Total State Amount:	$14,060,804

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.510923
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.510923

Project Name, Number | **Priority List Rank**

Pollution Control Financing Authority of Camden County
S342025-01 | 1083
Landfill Construction

County

Camden

Existing Population

510,923

Service Area

The Pennsauken Sanitary Landfill (PSL) owned and operated by the Pollution Financing Control Authority of Camden County (PCFACC) provides waste management services for the residents and businesses of Camden County. On a multi-year annual average, the PSL receives about 80,000 tons of type 10, 13, 13C, 23, 25, and 27 waste for disposal. At this tipping rate, the PSL has spare capacity for seven (7) years. The PCFACC is pro-actively engaged in long-term planning to continue serving the rate payers. For operational purposes, early construction of the proposed capital improvement will facilitate more effective site operations. The PCFACC is applying for financing assistance for the design and construction of the Phase VI Expansion.

Need for Project

The construction of the MSE berm in conjunction with the extension of the baseliner key-in trench will eliminate a pathway for leachate entering the storm- and groundwater resources. The interior side of the MSE berm will include a baseliner, keyed into the existing liner system creating a continuous barrier. Furthermore the MSE berm will incorporate stormwater management features and improve drainage adjacent to the proposed berm.

Project Description

The Project consists of the construction of a Mechanically Stabilized Earthen (MSE) berm along a 1,700 FT segment of the eastern boundary of the landfill and a baseliner key-in extension. In conjunction with an increased final elevation from 114 FT to 160 FT, the berm will increase the capacity of the Site E landfill by 819,000 CY. The berm and elevation increase are subject to a major modification of the solid waste facility permit. The MSE berm height will vary from approximately 0 to 50 feet above existing ground and will have a length of approximately 1,700 FT. The objective of the baseliner key-in extension is to raise the anchor trench above grade level, eliminating a potential pathway for leachate into the subsurface.

Anticipated Recipient:	Morris County		
Project No.:	S340107-01	Eligible Project Cost:	$13,000,360
Rank:	1084		
County:	Morris	Total State Amount:	$13,000,360

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.470212
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.470212

Project Name, Number	Priority List Rank
Morris County S340107-01 Stormwater Management - Gray Infrastructure	1084

County

Morris

Existing Population

470,212

Service Area

County of Morris

Need for Project

Clean-up of the contaminated site will remove the potential of polluting the adjacent streams and wetlands as well as groundwater.

Project Description

The proposed project includes the clean-up of the contaminated Greystoke Park Psychiatric Hospital site to protect water quality in the area.

Anticipated Recipient:	Gloucester County Improvement Authority		
Project No.:	S342016-03	Eligible Project Cost:	$13,893,240
Rank:	1085		
County:	Gloucester	Total State Amount:	$13,893,240

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.29233
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.29233

Project Name, Number

Gloucester County Improvement Authority
S342016-03
Landfill Construction

Priority List Rank

1085

County

Gloucester

Existing Population

292,330

Service Area

The Gloucester Solid Waste Complex receives solid waste from both Gloucester County and outside the County.

Need for Project

A dual leachate collection system will be constructed to intercept, treat, and properly dispose much of the precipitation falling. Use of a double-liner system will prevent leachate leakage and protect the groundwater quality. In order to prevent Non-Point Source Pollution from the GCSWC, the new construction will include a Soil Erosion & Sediment Control Plan that will include stormwater run-on and run-off controls and sedimentation/detention basins to mitigate adverse impacts associated with site hydrology.

Project Description

The proposed project includes the construction of new landfill Cell 14 within the existing Gloucester County Solid Waste Complex (GCSWC). On April 20, 2012, NJDEP issued the Solid Waste Facility Permit for the Phase VII expansion, which included Cell 14. Cell 14 as approved by the NJDEP is about 13.75 acres in extent and will be constructed at the southern end of the landfill adjacent to the newly constructed Cell 13. The landfill was expanded in a phased manner and in its present configuration occupies about 112 acres (Cells 1 through 13). GCIA has utilized all the available permitted space in Cells 1 through 12. Landfilling operations are currently underway in Cell 13. Cell 13 construction was completed in April 2017.

Anticipated Recipient:	Gloucester County Improvement Authority		
Project No.:	S342016-04	Eligible Project Cost:	$18,500,000
Rank:	1086		
County:	Gloucester	Total State Amount:	$18,500,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.291408
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.291408

Project Name, Number	Priority List Rank
Gloucester County Improvement Authority S342016-04 Landfill Construction	1086

County

Gloucester

Existing Population

291,408

Service Area

The Gloucester Solid Waste Complex receives solid waste from both Gloucester County and outside the County.

Need for Project

A dual leachate collection system will be constructed to intercept, treat, and properly dispose much of the precipitation falling. Use of a double-liner system will prevent leachate leakage and protect the groundwater quality. In order to prevent Non-Point Source Pollution from the GCSWC, the new construction will include a Soil Erosion & Sediment Control Plan that will include stormwater run-on and run-off controls and sedimentation/detention basins to mitigate adverse impacts associated with site hydrology.

Project Description

The proposed project includes the construction of new landfill Cell 15 within the existing Gloucester County Solid Waste Complex (GCSWC). On April 20, 2012, NJDEP issued the Solid Waste Facility Permit for the Phase VII expansion, which included Cell 15. Cell 15 is about 13.6 acres in extent and will be constructed at the southern end of the landfill adjacent to the newly constructed Cell 14. The landfill was expanded in a phased manner and in its present configuration occupies about 125 acres (Cells 1 through 14). GCIA has utilized all the available permitted space in Cells 1 through 13. Landfilling operations are currently underway in Cell 14. Cell 14 construction was completed in April 2019.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Gloucester County Improvement Authority		
Project No.:	S342024-01	Eligible Project Cost:	$7,513,687
Rank:	1087		
County:	Gloucester	Total State Amount:	$7,513,687

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.288288
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.288288

Project Name, Number

Gloucester County Improvement Authority
S342024-01
Landfill Construction

Priority List Rank

1087

County

Gloucester

Existing Population

288,288

Service Area

The Gloucester Solid Waste Complex receives solid waste from both Gloucester County and outside the County.

Need for Project

In order to prevent Non-Point Source Pollution from the GCSWC, the new construction will include a Soil Erosion & Sediment Control Plan that will include stormwater run-on and run-off controls and sedimentation/detection basins to mitigate adverse impacts to site hydrology. A dual leachate collection system will be constructed to intercept, treat, and properly dispose much of the precipitation. Use of temporary rain covers also will direct precipitation to stormwater basins to be discharged to groundwater. Use of a double-liner system will prevent leachate leakage and preserve the integrity of the groundwater.

Project Description

The proposed project includes the construction of new landfill Cell 13 within the existing Gloucester County Solid Waste Complex (GCSWC). The landfill was expanded in a phased manner and in its present configuration occupies about 101.4 acres (Cells 1 through 12). GCIA has utilized all the available permitted space in Cells 1 through 11. Landfilling operations are currently underway in Cell 12. Cell 12 construction was completed in January 2015. On April 20, 2012, NJDEP issued the Solid Waste Facility Permit for the Phase VII expansion, which included Cell 13. Cell 13 as approved by the NJDEP is about 10.5 acres in extent and will be constructed at the southern end of the landfill adjacent to the newly constructed Cell 12.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Gloucester County Improvement Authority		
Project No.:	S342016-02	Eligible Project Cost:	$5,962,475
Rank:	1088		
County:	Gloucester	Total State Amount:	$5,962,475

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.275
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.275

Project Name, Number	Priority List Rank
Gloucester County Improvement Authority S342016-02 Landfill Construction	1088

County

Gloucester

Existing Population

275,000

Service Area

Gloucester County

Need for Project

This project is for the construction of a new dual composite lined landfill cell at the Gloucester County Solid Waste Complex that will protect the ground water resources of the State.

Project Description

The proposed project includes the construction of an approximately 10 acre landfill cell at the Gloucester County Solid Waste Complex in South Harrison Township. The approved cell design includes a dual containment liner system and leachate collection. Completion of this project will allow for the uninterrupted disposal of solid waste in an environmentally sound manner that is protective of the regions ground water resources.

Anticipated Recipient:	Cumberland County Improvement Authority		
Project No.:	S342015-01	Eligible Project Cost:	$25,607,620
Rank:	1089		
County:	Cumberland	Total State Amount:	$25,607,620

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.152
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.152

Project Name, Number

Cumberland County Improvement Authority
S342015-01
Landfill Construction

Priority List Rank

1089

County

Cumberland

Existing Population

152,000

Service Area

Cumberland County

Need for Project

This dual composite lined facility will protect the ground water resources of the State and will extend the useful life of the facility until approximately 2030.

Project Description

This project is the Phase VI Expansion oat the Cumberland County Solid Waste Complex in Deerfield Township. The expansion consists of approx. 32 acres of dual composite lined landfill cells with leachate collection systems.

Anticipated Recipient:	Cumberland County Improvement Authority		
Project No.:	S342015-02	Eligible Project Cost:	$2,049,114
Rank:	1089		
County:	Cumberland	Total State Amount:	$2,049,114

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.152
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.152

Project Name, Number	Priority List Rank
Cumberland County Improvement Authority S342015-02 Stormwater Management - Gray Infrastructure	1089

County

Cumberland

Existing Population

152,000

Service Area

Cumberland County

Need for Project

The construction of the facility is consistent with the Statewide Solid Waste Management Plan. Such a facility will protect the States ground water resources.

Project Description

The CCIA proposes to construct a permanent Household Hazardous Waste Universal Waste Facility at the Cumberland County Solid Waste Complex. The facility will be approximately 9600 sq. ft under roof and will allow for the continuous collection of household hazardous waste and universal waste.

Anticipated Recipient:	Sussex County Municipal Utilities Authority		
Project No.:	S342008-05	Eligible Project Cost:	$12,592,000
Rank:	1091		
County:	Sussex	Total State Amount:	$12,592,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.146265
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.146265

Project Name, Number

Sussex County Municipal Utilities Authority
S342008-05
Landfill Construction

Priority List Rank

1091

County

Sussex

Existing Population

146,265

Service Area

SCMUA provides Solid Waste Disposal and Recycling Services to the County of Sussex

Need for Project

Provide for the proper disposal of solid waste, thereby preventing non-point source water quality impacts.

Project Description

The construction of a Mechanically Stabilized Earthen (MSE) perimeter berm is proposed as part of this Stage 1 Landfill Expansion application. The MSE berm will enable the vertical expansion of the landfill to be established and maintained within the existing facility boundary and enable excavation work to be done within the existing landfill footprint. For Stage 1, the berm will be constructed at the north side of the existing landfill cells 2A/2B and progress west to cell 3B. The north berm is likely to be constructed with a "step" berm on the outside to allow for utilities and SCMUA personnel and access. The berm will transition from the step design to a single berm as it wraps around and continues south along the west side of cell 3B.The MSE berm height will vary from approximately 10 to 17 feet above existing ground surface elevations.

Anticipated Recipient:	Pollution Control Financing Authority of Warren County		
Project No.:	S342026-01	Eligible Project Cost:	$24,000,000
Rank:	1092		
County:	Warren	Total State Amount:	$24,000,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.105779
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.105779

Project Name, Number

Pollution Control Financing Authority of Warren County
S342026-01
Landfill Construction

Priority List Rank

1092

County

Warren

Existing Population

105,779

Service Area

Northern New Jersey and Eastern Pennsylvania.

Need for Project

None.

Project Description

Expansion of the Warren County District Landfill. Project will be for the construction of Cell 7 which is approx. +/- 14 acres. This will include installation of new roadway(s), landfill liners, pump station, piping and electrical.

Anticipated Recipient:	Two Rivers Water Reclamation Authority		
Project No.:	S340117-06	Eligible Project Cost:	$14,826,569
Rank:	1093		
County:	Monmouth	Total State Amount:	$14,826,569

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0

II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.1
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.1

Project Name, Number

Two Rivers Water Reclamation Authority
S340117-06
Sanitary Sewer System - New

Priority List Rank

1093

County

Monmouth

Existing Population

100,000

Service Area

The Two Rivers Water Reclamation Authority (TRWRA) collects and treats the wastewater from six Member Communities (Boroughs of Monmouth Beach, Oceanport, West Long Branch, Fair Haven, Little Silver, and Shrewsbury), six Customer Communities (Red Bank, Rumson, Sea Bright, Tinton Falls, Eatontown, Shrewsbury Township), and two portions of Fort Monmouth in Monmouth County, NJ under its NJPDES permit number NJ0026735. Service areas contain both residential and commercial properties. The population served by TRWRA totals 85,570, including both Member and Customer Communities. The project will affect the Oceanport Section of the former Fort Monmouth property that is served by TRWRA; the property is planned to be reused and redeveloped as a result of the base closing. The population of Oceanport is 5,832.

Need for Project

The project is needed because the existing pump stations and sanitary sewer lines have been determined to be in disrepair and improperly designed. There are no re-usable sections of the existing sanitary sewer system without replacement of a significant portion of the system and replacement of existing pump stations that are not needed if the system is designed properly.

Project Description

The Sanitary Sewer Conveyance System Installation project will result in a new and improved sanitary sewer system in the Oceanport Section of what was formerly known as Fort Monmouth in Monmouth County New Jersey to provide sanitary sewer service for future developers to connect to and for the existing buildings to remain. The project will provide the main components of the sewer system including the North Interceptor Southwest Interceptor New East Area Pump Station and Gravity Sewer Extensions to the existing pump stations to be abandoned.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Cape May County Municipal Utilities Authority		
Project No.:	S342017-02	Eligible Project Cost:	$6,354,123
Rank:	1094		
County:	Cape May	Total State Amount:	$6,354,123

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.097265
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.097265

Project Name, Number | **Priority List Rank**

Cape May County Municipal Utilities Authority
S342017-02 | 1094
Remedial Action/Contaminated Site Cleanups (Brownfields)

County

Cape May

Existing Population

97,265

Service Area

Cape May County MUA - WildwoodLower Region and CMCMUA - Seven MileMiddle Region

Need for Project

This project will reduce green house gas emissions in several manners This project fueled by scrubbed landfill gas will destroy methane produced by the landfill. The generator fuel will be scrubbed of sulfur compounds siloxane compounds particulate matter and moisture thereby reducing these constituents to de minimis amounts. By generating two (2) megawatts of electricity the CMCMUA is supplying the need for two (2) megawatts of electricity that would otherwise be generated by fossil fueled plants. This project will result in benefits other than direct reductions of greenhouse gas emissions The engines will reduce atmospheric discharge by over 61000 metric tons of CO2 equivalents. Two (2) less megawatts of power will be necessary for other plants to generate. Sulfur compounds siloxane compounds and particulate matter will be also reduced from landfill emissions. Jobs are always maintained or created by construction expenditures. This project also provides added benefits As this project will not be eligible for net metering andor net metering criteria projects no other funding is currently available. This project can be easily replicated. We have had many visitors to our site to see how we have constructed our first electrical generating plant for their own plans for construction. All gas is metered and tested which will result in measurable data. The project is not only ready to proceed but has already completed the required feasibility studies by PJM and ACE. The CMCMUA has the experience and the capacity to complete this project as we have already constructed a three (3) engine 450 kw electrical generating plant which has been in operation since March 2007.

Project Description

This project will be to construct a two (2) megawatt generating plant at the Cape May County Municipal Utilities Authoritys (CMCMUA) Landfill and Recycling Complex. Landfill gas a renewable energy will be used as fuel for the engines. Since the landfill site is already generating enough electricity to be self sufficient there is no need for net metering and this additional generation will be sold back to the grid.

Anticipated Recipient:	Salem County Improvement Authority		
Project No.:	S342022-02	Eligible Project Cost:	$8,500,000
Rank:	1095		
County:	Salem	Total State Amount:	$8,500,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.063934
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.063934

Project Name, Number	Priority List Rank
Salem County Improvement Authority S342022-02 Landfill Construction	1095

County

Salem

Existing Population

63,934

Service Area

The service area is the entire County of Salem, New Jersey.

Need for Project

The landfill cell construction is needed to provide for the environmentally sound disposal of Salem County's solid waste in accordance with the County and State solid waste management policies and regulations. The landfill cell will include a double-composite liner system designed and constructed in accordance with NJDEP regulations and the SCIA solid waste facility permit to protect ground water and surface water quality.

Project Description

The project includes a 8.0 +/- acre landfill cell, which is one phase of a 31-acre landfill expansion. The landfill design includes a double composite liner system designed and permitted in accordance with NJDEP regulations.

Anticipated Recipient:	Perth Amboy Redevelopment Agency		
Project No.:	S340435-07	Eligible Project Cost:	$36,825,064
Rank:	1096		
County:	Middlesex	Total State Amount:	$36,825,064

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.047303
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.047303

Project Name, Number	Priority List Rank
Perth Amboy Redevelopment Agency S340435-07 Non-Point Source (NPS) Pollution Controls	1096

County

Middlesex

Existing Population

47,303

Service Area

City of Perth Amboy

Need for Project

A 105.4-acre site in Perth Amboy is contaminated as a result of widespread distribution of slag fill. The contaminants of concern are primarily arsenic antimony and lead.

Project Description

The proposed project includes soil and groundwater remediation of a 105.4-acre site. Remediation will consist of excavation and removal of select areas of slag materials in direct contact with groundwater targeted soil remediation for select areas with petroleum-related and PCB contamintants a reduction in groundwater flow through the site treatment of groundwater to reduce contaminant loading to Cranes Creek and implementation of site-wide engineering controls to minimize stormwater infiltration as well as direct contact with contaminated material.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Orange City		
Project No.:	S340859-02	Eligible Project Cost:	$6,039,749
Rank:	1097		
County:	Essex	Total State Amount:	$6,039,749

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.030134
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.030134

Project Name, Number	Priority List Rank
Orange City S340859-02 Stormwater Management - Gray Infrastructure	1097

County

Essex

Existing Population

30,134

Service Area

Urban residential / commercial neighborhood

Need for Project

The project will re-create a surface water course that had disappeared due to prior industrial use where the former stream was placed within a below grade pipe system along with completion of soil remediation to remove contaminants currently impacting ground water. Additional stormwater controls will be provided to improve water quality at the property along with various utility infrastructure

Project Description

The proposed project will update the stormwater collection system including re-creating a vegetated stream channel lost to industrial use new sanitary sewer collection system and provide for remediation of contamination in accordance with NJDEP standards.

Anticipated Recipient:	Lawrence Township		
Project No.:	S340395-02	Eligible Project Cost:	$18,347,670
Rank:	1098		
County:	Mercer	Total State Amount:	$18,347,670

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.029159
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.029159

Project Name, Number | **Priority List Rank**

Lawrence Township
S340395-02 | 1098
Remedial Action/Contaminated Site Cleanups (Brownfields)

County

Mercer

Existing Population

29,159

Service Area

Township of Lawrence

Need for Project

The removal of silt from Colonial Lake improved the water quality of the lake provided rehabilitation of the overall stormwater management capability re-established fish habitation in the lake and enhanced the dissolved oxygen levels and increased the amount of aquatic biota. The silt was stockpiled on a 28.3 acre site. Environmental investigations of the stockpiled material have revealed the presence of polynuclear aromatic hydrocarbons at concentrations above the soil cleanup criteria requiring either removal or capping.

Project Description

The proposed project includes either the removal and off-site disposal of contaminated spoils or the capping of the spoils on-site or a combination of remedial activities.

Anticipated Recipient:	Burlington City		
Project No.:	S340140-02	Eligible Project Cost:	$2,502,000
Rank:	1099		
County:	Burlington	Total State Amount:	$2,502,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.009866
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	75.009866

Project Name, Number	Priority List Rank
Burlington City S340140-02 Water Efficiency / Water Meters	1099

County

Burlington

Existing Population

9,866

Service Area

The service area regarding the replacement of the water meters is the entire City of Burlington, NJ.

Need for Project

To maintain permit compliance

Project Description

This project entails replacing residential and industrial meters throughout the City

Anticipated Recipient:	Salem City		
Project No.:	S340235-03	Eligible Project Cost:	$1,345,520
Rank:	1100		
County:	Salem	Total State Amount:	$1,345,520

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.005146
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.005146

Project Name, Number	Priority List Rank
Salem City S340235-03 Water Efficiency / Water Meters	1100

County

Salem

Existing Population

5,146

Service Area

The planning area consists of the entire City of Salem, located in the western part of Salem County. The City provides potable water to approximately 4,931 residential and commercial metered public customers.

Need for Project

The existing meters are approaching the end of their useful life and require replacement. The meters become less accurate with age and generally run slower. New meters will also enable the City to easily detect leaks within the distribution system and reduce labor costs for meter reads.

Project Description

The project involves the replacement of the existing water meters with an automatic meter read system. The existing meters are approaching the end of their useful life and require replacement. The meters become less accurate with age and generally run slower. The City is experiencing lost revenue as a result. New meters will also enable the City to easily detect leaks within the distribution system and reduce labor costs for meter reads. As part of this project, all commercial water meters will be replaced, in addition to a large portion of the residential water meters.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	East Amwell Township		
Project No.:	S340037-01	Eligible Project Cost:	$639,645
Rank:	1101		
County:	Hunterdon	Total State Amount:	$639,645

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.004455
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.004455

Project Name, Number	Priority List Rank
East Amwell Township S340037-01 Non-Point Source (NPS) Pollution Controls	1101

County

Hunterdon

Existing Population

4,455

Service Area

East Amwell Township

Need for Project

Clean-up of a contaminated area in the Sourland Mountains will remove the potential of polluting the nearby waterways as well as groundwater.

Project Description

The proposed project includes the clean-up of a contaminated site so that the land can be purchased for preservation.

Anticipated Recipient:	Willingboro Municipal Utilities Authority		
Project No.:	S340132-11	Eligible Project Cost:	$8,925,260
Rank:	1102		
County:	Burlington	Total State Amount:	$8,925,260

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.031629
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	65.031629

Project Name, Number

Willingboro Municipal Utilities Authority
S340132-11
Water Efficiency / Water Meters

Priority List Rank

1102

County

Burlington

Existing Population

31,629

Service Area

Willingboro Township, Burlington County, New Jersey

Need for Project

N/A

Project Description

Replace all Willingboro Township Water Meters and implement advanced metering infrastructure (AMI) system.

Anticipated Recipient:	Milltown Borough		
Project No.:	S340102-01	Eligible Project Cost:	$19,440,809
Rank:	1103		
County:	Middlesex	Total State Amount:	$19,440,809

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.006893
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	65.006893

Project Name, Number	Priority List Rank
Milltown Borough S340102-01 Decentralized Wastewater (or Septic) System Repair/Replacement	1103

County

Middlesex

Existing Population

6,893

Service Area

Borough of Milltown, NJ

Need for Project

Brownfield Remediation (refer to attached reports for further detail)

Project Description

(Carryover SFY2015) - The proposed project includes the clean-up of the former Micheline Tire industrial site to protect water quality in the area.

Anticipated Recipient:	Milltown Borough		
Project No.:	S340102-04	Eligible Project Cost:	$5,190,428
Rank:	1103		
County:	Middlesex	Total State Amount:	$5,190,428

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			Population	0.006893
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	65.006893

Project Name, Number

Milltown Borough
S340102-04
Decentralized Wastewater (or Septic) System Repair/Replacement

Priority List Rank

1103

County

Middlesex

Existing Population

6,893

Service Area

Borough of Milltown

Need for Project

Stormwater Management - The proposed stormwater collection system collects and conveys the stormwater runoff from the site to four new outfalls discharging to Mill Pond. The proposed stormwater collection and conveyance system consists of approximately 4,000 linear feet of 15-inch high-density polyethylene (HDPE) pipe, 900 linear feet of 18-inch HDPE, 1,200 linear feet of 24-inch HDPE and 100 linear feet of 30-inch HDPE, as well as associated catch basins, manholes, scour holes and water quality treatment units (Vortechs by Contech, for 50% TSS removal) which are necessary to provide adequate stormwater management for the proposed project. In addition, approximately 13,700 linear feet of concrete curb and 31,200 square yards of asphalt pavement are required to convey stormwater runoff throughout the site. Stormwater Treatment - The project site is located on Mill Pond, upstream of Lake Farrington, which is drinking water supply source. Prior to discharge, the runoff is treated via stru

Project Description

(Carryover SFY2015) - This project proposes a mixed use of the old Michelin Tire Company site along Ford Avenue. The project will consist of 350 residential midrise apartments and townhouse units a restaurant 2000 square feet of retail space a residential club facility and leasing office including a town square and waterside pathways. The existing 12-inch sewer system on-site will be abandoned in-place and replaced with a new 12-inch PVC sanitary sewer main which will provide service to the buildings.

Anticipated Recipient:	Lakewood Township Municipal Utilities Authority		
Project No.:	S340465-03	Eligible Project Cost:	$1,440,000
Rank:	1105		
County:	Ocean	Total State Amount:	$1,440,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.102682
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.102682

Project Name, Number

Lakewood Township Municipal Utilities Authority
S340465-03
Water Treatment Plant/Facilities

Priority List Rank

1105

County

Ocean

Existing Population

102,682

Service Area

The Authority's present service area is approximately 11 square miles, includes 85 miles of water mains and serves the major part of the eastern half of Lakewood Township. The Authority's water system consists of two water treatment plants, five water storage tanks and fourteen wells drawing water from the Englishtown, Raritan and Cohansey Aquifers.

Need for Project

N/A

Project Description

The Authority is adding approximately 4,600sq ft. of additional office space and storage space to the existing administration building.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Perth Amboy City		
Project No.:	S340435-18	Eligible Project Cost:	$735,000
Rank:	1106		
County:	Middlesex	Total State Amount:	$735,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.050814
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	60.050814

Project Name, Number

Perth Amboy City
S340435-18
Water Efficiency / Water Meters

Priority List Rank

1106

County

Middlesex

Existing Population

50,814

Service Area

Service area is limited to the area within City limits only.

Need for Project

There is no water quality related with this project. This is to replace the existing water meters that are over 15 years old and have found many that are providing inaccurate reading. Additionally, the existing meters can very easily be tampered with. Both of this issues contribute to an inaccurate percent for unaccounted for water. The replacement of these meters will reduce the percent of unaccounted for water.

Project Description

The majority of the water meters installed in Perth Amboy have been in the system for at least 15 years. There has been complaints of high bill where the city has investigated the possible reason of the high bill and on many occasions has discovered that the meter is not registering accurately resulting in an adjustment to the customer's water bill. Additionally, it has been observed that the existing meters can be very easily tampered with allowing the customer use water that is not been registered by the meter and therefore increasing the percentage of unaccounted for water. To stop or at least reduce the stilling of water by tampering the meters, the city has decided to replace all of the meters with a meter that will prevent tampering with. The City will use the existing meter routes to divide the system and replace the water meters. The first section will be the south east section of town where most of the tampered meters have been found.

Anticipated Recipient:	Bloomfield Township		
Project No.:	S340516-01	Eligible Project Cost:	$7,230,970
Rank:	1107		
County:	Essex	Total State Amount:	$7,230,970

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.047315
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	60.047315

Project Name, Number	Priority List Rank
Bloomfield Township S340516-01 Water Efficiency / Water Meters	1107

County

Essex

Existing Population

47,315

Service Area

The service area for the proposed project is coterminous with the Township boundary.

Need for Project

The proposed project is intended to replace aging meters with current technology that is in compliance with AWWA standards, as well as, assist the Township in tracking water usage and enhancing leak detection.

Project Description

The Township of Bloomfield proposes to replace their existing distribution system water meters that have exceeded their useful life with new water service meters. The proposed project will include disposal of the existing meters, installation of approximately 11,000 new water service meters throughout the Township, and installation of an Advanced Metering Infrastructure Network (AMI) system.

Anticipated Recipient:	Pennsauken Township		
Project No.:	S340349-04	Eligible Project Cost:	$55,431,119
Rank:	1108		
County:	Camden	Total State Amount:	$55,431,119

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.035737
			BDA Points	10
			Transit Villages	0
			TOTAL POINTS	60.035737

Project Name, Number	Priority List Rank
Pennsauken Township S340349-04 Remedial Action/Contaminated Site Cleanups (Brownfields)	1108

County

Camden

Existing Population

35,737

Service Area

Township of Pennsauken

Need for Project

Proper clean-up of the contaminated industrial sites will eliminate a source of groundwater and surface water pollution.

Project Description

The proposed project includes the excavation and disposal of contaminated soils placement of fill to reduce leachate generation closure of underground storage tanks in-situ groundwater treatment and fencing to restrict access to tidal and wetland areas and sanitary and storm sewer improvements.

Anticipated Recipient:	Orange City		
Project No.:	S340859-04	Eligible Project Cost:	$5,047,760
Rank:	1109		
County:	Essex	Total State Amount:	$5,047,760

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.030134
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	60.030134

Project Name, Number

Orange City
S340859-04
Water Efficiency / Water Meters

Priority List Rank

1109

County

Essex

Existing Population

30,134

Service Area

City of Orange Twp New Jersey Essex County

Need for Project

In order to leverage the investment in this technology, and harness the value drivers, it is critical to understand current and future utility operations, not just meter reading and billing. A key differentiation in our approach to this project is that we will perform both an operational assessment to determine functional objectives as well as a cultural assessment to ensure that the operational changes required to leverage and disseminate interval data through the enterprise will be possible. This will enable our OWW TEAM to begin with the end in mind.

Project Description

Providing for the replacement of water meters throughout the City with an advanced smart metering system consisting of communications network and data management systems. Pursuant to NJ DEP Violations NJAC 7:19-6.6; 7 The City of Orange Township current has (4,743) residential, commercial and industrial connections within the Municipal boundaries. OWW (Orange Water/SUEZ) intends to employ a comprehensive client-centric approach to the development of an AMR/AMI program based on leading industry knowledge and current operational insight (SUEZ Environmental). OWW will craft suitable program models using the industry's real-time technical knowledge regarding communication networks, system functionality, and device-specific capabilities. Working with our partners to determine the specific functional objectives for AMR/AMI, our goal will be to determine which technical solutions are feasible, specific performance criteria for procurement documentation, and redundancy.

Anticipated Recipient:	South Orange Village		
Project No.:	S340103-01	Eligible Project Cost:	$2,049,114
Rank:	1110		
County:	Essex	Total State Amount:	$2,049,114

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.016964
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	60.016964

Project Name, Number	Priority List Rank
South Orange Village S340103-01 Remedial Action/Contaminated Site Cleanups (Brownfields)	1110

County

Essex

Existing Population

16,964

Service Area

Township of South Orange Village

Need for Project

Clean-up of the contaminated new market square redevelopment area will remove the potential of polluting the nearby waterways as well as groundwater.

Project Description

The proposed project includes the clean-up of the new market square redevelopment area.

NJ CWSRF FINAL FEDERAL FISCAL YEAR 2020 (& SFY 2021) PROJECT PRIORITY LIST - PROJECT NARRATIVES

Anticipated Recipient:	Brick Township Municipal Utilities Authority		
Project No.:	S340448-14	Eligible Project Cost:	$1,903,200
Rank:	1111		
County:	Ocean	Total State Amount:	$1,903,200

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.1
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.1

Project Name, Number

Brick Township Municipal Utilities Authority
S340448-14
Water Efficiency / Water Meters

Priority List Rank

1111

County

Ocean

Existing Population

100,000

Service Area

BTMUA provides approximately 100,000 residential, commercial, and light industrial customers in Brick Township and the Ramtown section of Howell Township with water service. This population also includes customers that are serviced via bulk sales to Point Pleasant Beach Borough, Point Pleasant Borough, and Lakewood Township. BTMUA serves all of Point Pleasant Beach Borough. BTMUA does not provide water service to the population located in the Barrier Island section of Brick Township. The planning area for the project includes BTMUA's entire water service area in the Township of Brick and the Ramtown section of Howell Township. The scope of the project includes the purchase of approximately 11,560 water meters and accessories for assembly. The water meters will replace-in-kind existing brass water meters at individual customer homes or within existing external meter pits. The funding request is for the purchase of the meters equipment only and not for installation.

Need for Project

The projects purpose is to purchase water meters that will replace existing, old water meters.

Project Description

The planning area for the project includes Brick Township Municipal Utilities Authority's entire water service area in the Township of Brick and the Ramtown section of the Township of Howell. The scope of the project includes the purchase of approximately 11,560 water meters and appurtenances. The meters will include the following sizes: 3/4-inch, 1-inch, 1-1/2-inch and 2-inch. The water meters will replace-in-kind existing brass water meters at individual customer homes or within existing external meter pits. The funding request is for the purchase of the meters equipment only and not for installation.

Anticipated Recipient:	Woodbridge Township		
Project No.:	S340433-10	Eligible Project Cost:	$9,943,795
Rank:	1112		
County:	Middlesex	Total State Amount:	$9,943,795

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.097203
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.097203

Project Name, Number	Priority List Rank
Woodbridge Township S340433-10 Remedial Action/Contaminated Site Cleanups (Brownfields)	1112

County

Middlesex

Existing Population

97,203

Service Area

Township of Woodbridge

Need for Project

Remediation of soil contamination at the Property will remove a continuing source of groundwater contamination

Project Description

The project consists of building demolition and remediation of underlying and surrounding contaminated soil at the property located at 150 Avenel Street Woodbridge New Jersey (the former General Dynamics facility) in preparation for site redevelopment. The property is currently owned by 150 Avenel LLC

Anticipated Recipient:	Perth Amboy Redevelopment Agency		
Project No.:	S340435-08	Eligible Project Cost:	$19,257,315
Rank:	1113		
County:	Middlesex	Total State Amount:	$19,257,315

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.047303
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.047303

Project Name, Number	Priority List Rank
Perth Amboy Redevelopment Agency S340435-08 Non-Point Source (NPS) Pollution Controls	1113

County

Middlesex

Existing Population

47,303

Service Area

City of Perth Amboy

Need for Project

Remediation of soil and groundwater impacts and proper closure of a former landfill will minimize direct contact with contaminated fill properly manage methane gas generated by landfill materials and ensure future protection of groundwater quality.

Project Description

The proposed project includes soil and groundwater remediation of a former landfill alternate capping of the landfill and installation of a methane recovery sytem.

Anticipated Recipient:	Hackensack City		
Project No.:	S340923-09	Eligible Project Cost:	$9,589,269
Rank:	1114		
County:	Bergen	Total State Amount:	$9,589,269

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.042677
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.042677

Project Name, Number	Priority List Rank
Hackensack City S340923-09 Non-Point Source (NPS) Pollution Controls	1114

County

Bergen

Existing Population

42,677

Service Area

City of Hackensack

Need for Project

Petroleum discharges at the Eval Oil Terminal on the Hackensack River have resulted in saturated soil that is a continuing source of adverse impacts to groundwater including the accumulation of free-phase petroleum product on the shallow water table and that pose an ongoing threat to the surface water and sediment quality of the River.

Project Description

The proposed project includes soil and groundwater remediation of petroleum impacts that threaten the surface and sediment quality of the adjacent Hackensack River restoration of the bulkhead to stabilize the shoreline and diminish the potential for contamination seepage and stormwater management improvements to comply with regulations.

Anticipated Recipient:	North Brunswick Township		
Project No.:	S340888-02	Eligible Project Cost:	$5,427,000
Rank:	1115		
County:	Middlesex	Total State Amount:	$5,427,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.040742
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.040742

Project Name, Number	Priority List Rank
North Brunswick Township S340888-02 Water Efficiency / Water Meters	1115

County

Middlesex

Existing Population

40,742

Service Area

The service area for the proposed project is coterminous with the Township boundary.

Need for Project

The service area for the proposed project is coterminous with the Township boundary.

Project Description

The Township of North Brunswick proposes to replace their existing distribution system water meters that have exceeded their useful life with new water service meters. The proposed project will include disposal of the existing meters, installation of up to 12,000 new water service meters throughout the Township, and construction of a receiving base station(s) and installation of hardware and software for integration with the Township's financial software. The project will also include the replacement of the two master water meters at the water treatment plant and integration of all meters with the existing SCADA control system.

Anticipated Recipient:	Sayreville Economic & Redevelopment Agency		
Project No.:	S340134-01	Eligible Project Cost:	$50,664,200
Rank:	1116		
County:	Middlesex	Total State Amount:	$50,664,200

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.040377
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.040377

Project Name, Number | **Priority List Rank**

Sayreville Economic & Redevelopment Agency
S340134-01 | 1116
Remedial Action/Contaminated Site Cleanups (Brownfields)

County

Middlesex

Existing Population

40,377

Service Area

Borough of Sayreville

Need for Project

A site along approximately two miles of the Raritan River waterfront has concerns of contamination from acids and radiological soils to the river groundwater and wetlands. The project is needed to remediate the soils and groundwater to restore the site and eliminate future contamination.

Project Description

The proposed project includes the remediation of an aproximately 400 acre waterfront tract that requires infrastructure and environmental remediation to clean up groundwater and radiological soils and other contaminats that potentially effect ground and surface waters.

Anticipated Recipient:	Linden City		
Project No.:	S340679-02	Eligible Project Cost:	$5,882,578
Rank:	1117		
County:	Union	Total State Amount:	$5,882,578

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.039394
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.039394

Project Name, Number

Linden City
S340679-02
Stormwater Management - Gray Infrastructure

Priority List Rank

1117

County

Union

Existing Population

39,394

Service Area

City of Linden

Need for Project

The redevelopment of the former GM Linden plant will result in significant improvement to the States water quality by both infrastructure improvements and site re-mediation activities. Infrastructure improvements will include creation of new and replacement of old storm water conveyances ensuring proper handling and transportation of storm water away from impervious surfaces and into the existing municipal system the installation of catch basins that will reduce TSS and sediment transport to surface water and complete replacement of the sanitary system that served the GM plant with new systems that will prevent infiltration of wastewater to groundwater. Site remediation activities will include re-mediation of groundwater contamination originating from the GM site excavation of contaminated soil and other sources of groundwater contamination and installation of engineering and institutional controls to protect water quality. Linden Development anticipates use of sustainable building components including solar panels and low TSS roofing to mitigate sediment runoff.

Project Description

Demolition environmental re-mediation new infrastructure and redevelopment of a shuttered General Motors Plant at 1016 W. Edgar Rd. (US Rte. 1 & 9) in Linden New Jersey. It is about 13 miles from Manhattan adjacent to a major thoroughfare. The site is approximately 102 contiguous acres in size and will be re-developed into mixed-commercial uses. This revitalization project will bring a significant number of sorely needed jobs to the area and will dramatically increase tax income for the City and the State. This project is fully supported by the City of Linden Mayors office and administrative office.

Anticipated Recipient:	Belleville Township		
Project No.:	S340243-01	Eligible Project Cost:	$7,478,656
Rank:	1118		
County:	Essex	Total State Amount:	$7,478,656

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.035928
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.035928

Project Name, Number | **Priority List Rank**

Belleville Township
S340243-01 | 1118
Remedial Action/Contaminated Site Cleanups (Brownfields)

County

Essex

Existing Population

35,928

Service Area

?elleville Township

Need for Project

A former chemical site requires remedial measures to support brownfield development and provide significant environmental benefits. Placement of an impermeable cap along with installation of stormwater controls will ensure that rain water will not mobilize contaminates and pollute groundwater or the adjacent waterways.

Project Description

The proposed project includes clean-up of soils and groundwater installation of an impermeable cap and cover system installation of stormwater controls.

Anticipated Recipient:	University Hospital		
Project No.:	S340500-03	Eligible Project Cost:	$11,111,111
Rank:	1119		
County:	Essex	Total State Amount:	$11,111,111

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.033
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.033

Project Name, Number

University Hospital
S340500-03
Energy Efficiency / Renewable Energy

Priority List Rank

1119

County

Essex

Existing Population

33,000

Service Area

NA

Need for Project

Reduce portable water usage by 8 million

Project Description

The turbines in the plant are at the end of their useful life and use an antiquated water injection system to reduce NOX, which is disallowed under current DEP rules. The turbines have become unreliable and fail regularly, requiring excess maintenance and repairs. Replacement will be required in the near term to maintain a functioning plant. The proposed project consists of: - Replace the 3 existing turbines with three (3) Solar Mercury 50 Turbines with Duct fired slant tube Heat Recovery Steam Generators with an increased capacity of 2.8MW - New Gas Compressor - New Controls and Connections - Switchgear - Alterations to accommodate installation of the larger sized turbines.

Anticipated Recipient:	Union County Improvement Authority		
Project No.:	S340113-01	Eligible Project Cost:	$1,847,907
Rank:	1120		
County:	Union	Total State Amount:	$1,847,907

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022732
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.022732

Project Name, Number

Union County Improvement Authority
S340113-01
Stormwater Management - Gray Infrastructure

Priority List Rank

1120

County

Union

Existing Population

22,732

Service Area

Scotch Plains Township

Need for Project

The Shackamaxon Lake has not been dredged since 1997. Since the sediment has accumulated in amny areas to the point where it is above the surface elevation of the Lake. The Lake is no longer able to serve the purpose of sedimentation of pollutants prior to flowing downstream. Cleaning the Lake and restoring its storage capacity will increase the quality of the water flowing into the Middlesex Water Company Reservoir that is less than one mile downstream of the dam and will limit rainfall induced floooding downstream. Removing and replacing the inadequately sized bridges with properly engineered bridges will eliminate bank erosion around the bridges and will reduce the amount of silt accumulation in the storage volume from these areas.

Project Description

The proposed project includes dredging accumulated sediment that comes from upstream roads lawns and stream banks stabilization of eroded bank areas and removal and replacement of inadequately sized RCP pipe vehicand pedestrian bridges.

Anticipated Recipient:	Manchester Township		
Project No.:	S340650-08	Eligible Project Cost:	$1,950,000
Rank:	1121		
County:	Ocean	Total State Amount:	$1,950,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.02165
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.02165

Project Name, Number	Priority List Rank
Manchester Township S340650-08 Water Efficiency / Water Meters	1121

County

Ocean

Existing Population

21,650

Service Area

The service area is Manchester Township Water Utility's Eastern Service Area which is generally the eastern portion of the Township. It includes the areas east of Lakehurst, the military base (Joint Base McGuire-Dix-Lakehurst) and the Consolidated Rail tracks that lie just west of and parallel to State Highway Route 37 West as well as the proposed development area (approximately 1,000 acres) of the Heritage Minerals tract that lies to the west of the aforementioned Consolidated Rail tracks.

Need for Project

Consumer's water quality will be improved in those locations that water meters are being replaced since the existing water meters were manufactured long before the current standards were implmented. The current standards reduced the probability of lead leaching into water from drinking water system components including water meters.

Project Description

Install an automated water meter reading system capable of remotely reading meters without entering the properties at which they are located. Also, the project will include the replacement of meters that are beyond their expected service life.

Anticipated Recipient:	West Deptford Township		
Project No.:	S340947-06	Eligible Project Cost:	$3,624,840
Rank:	1122		
County:	Gloucester	Total State Amount:	$3,624,840

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.021248
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.021248

Project Name, Number	Priority List Rank
West Deptford Township S340947-06 Water Efficiency / Water Meters	1122

County

Gloucester

Existing Population

21,248

Service Area

Project service area is confined to the limits of the Township boundary.

Need for Project

Provide an accurate accounting of water consumption to consumers for billing and ability to identify loss of water within distribution system by means of remote monitoring capabilities.

Project Description

Replacement and standardization of residential and commercial cold water meters within West Deptford Township to allow remote monitoring at a central designated location.

Anticipated Recipient:	Phillipsburg Redevelopment Authority		
Project No.:	S340874-06	Eligible Project Cost:	$9,215,958
Rank:	1123		
County:	Warren	Total State Amount:	$9,215,958

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.015166
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.015166

Project Name, Number | **Priority List Rank**

Phillipsburg Redevelopment Authority
S340874-06 | 1123
Remedial Action/Contaminated Site Cleanups (Brownfields)

County

Warren

Existing Population

15,166

Service Area

Town of Phillipsburg

Need for Project

The Riverview at Delaware Station development project will reinvigorate Phillipsburg. The area is contaminated. It has a Contaminated Historic Fill Chlorinated Solvent Impacted Soil and Ground Water TPHC Impacted Soil Impacted Subsurface Soil Gas Vapor Suspected Gasoline UST Abandoned Seepage Pit and Asbestos impacts.

Project Description

The project involves the remediation of an old railway train station and the building of 449 town house residential units on the site. The project seeks funding to embark on the remediation of the site as well as construction of storm water remediation systems and drinking water and waste water systems. The developers have done a storm water plan according to NJDEP storm water regulations. Storm water management will be achieved on the site through the use of a conventional storm water collection system of 8230 linear feet of reinforced concrete pipe and 66 storm water inlets. The collected storm water is routed through two detentioninfiltration basins and one retention basin before being discharged into the Delaware River. Through the review of local county and state regulatory agencies the system as designed meets the required regulatory design standards. This project has received all state county and municipal and DEP approvals based on current plans. The project involves a land remediation process. Areas needing remedial action include the Contaminated Historic Fill Chlorinated Solvent Impacted Soil and Ground Water TPHC Impacted Soil Impacted Subsurface Soil Gas Vapor Suspected Gasoline UST Abandoned Seepage Pit Closure Railroad Tie removal and disposal and Asbestos Removal. This involves a number of processes including Strip Topsoil - 1 depth General Excavation Fill compaction Rough Grade R.O.W. Landscape Berm Grading Detention Basin Grading Basin Topsoil Return Subgrade after utilities Fine grade topsoil return Rough Grade Open Space Truck in fill Excavation of loose material and Re-Install & Compact Material

Anticipated Recipient:	Highland Park Borough		
Project No.:	S340938-03	Eligible Project Cost:	$2,400,000
Rank:	1124		
County:	Middlesex	Total State Amount:	$2,400,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.013982
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.013982

Project Name, Number	Priority List Rank
Highland Park Borough S340938-03 Equipment Purchase (Clean Water)	1124

County

Middlesex

Existing Population

13,982

Service Area

The entire 1.8 square miles of the Borough

Need for Project

Non-Revenue Water, Compliance with Regulatory Requirements

Project Description

Replacement of customer-owned large diameter water meters with Borough-owned meters

Anticipated Recipient:	Somerville Borough		
Project No.:	S342013-01	Eligible Project Cost:	$10,684,529
Rank:	1125		
County:	Somerset	Total State Amount:	$10,684,529

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.012423
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.012423

Project Name, Number	Priority List Rank
Somerville Borough S342013-01 Non-Point Source (NPS) Pollution Controls	1125

County

Somerset

Existing Population

12,423

Service Area

N/A

Need for Project

Leachate from the former Municipal Landfill enters an unnamed tributary of the Raritan River that flows through the area designated as the "Green Seam". Additionally, ground water flowing under the site to the Raritan River is contaminated from off-site sources.

Project Description

(Carryover SFY2015) - The proposed project includes remediation and closure of a municipal landfill and installation of stormwater management measures.

Anticipated Recipient:	Point Pleasant Beach Borough		
Project No.:	S340479-04	Eligible Project Cost:	$1,930,000
Rank:	1126		
County:	Ocean	Total State Amount:	$1,930,000

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007266
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.007266

Project Name, Number	Priority List Rank
Point Pleasant Beach Borough S340479-04 Equipment Purchase (Clean Water)	1126

County

Ocean

Existing Population

7,266

Service Area

The service area for the proposed project includes the entire municipality.

Need for Project

Proposed project is intended to replace aging meters with current technology that is in compliance with AWWA standards, as well as, assist the Borough in tracking water usage and enhancing leak detection.

Project Description

The proposed project includes replacement of existing aging water meters with new SENSUS IPERL radio read smart point readers. The project will include disposal of the existing meters, installation of up to 3400 new water service meters throughout the Borough, and construction of a receiving base station (both hardware and software) to be located on the Borough's existing water tower in order to track water usage data. All replacement work will be done inside residential and commercial properties.

Anticipated Recipient:	Allentown Borough		
Project No.:	S340567-06	Eligible Project Cost:	$664,520
Rank:	1127		
County:	Monmouth	Total State Amount:	$664,520

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001828
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.001828

Project Name, Number	Priority List Rank
Allentown Borough S340567-06 Water Efficiency / Water Meters	1127

County

Monmouth

Existing Population

1,828

Service Area

The entire Borough of Allentown

Need for Project

Most of the water meters are 20+ years old (average age is 16 years) and do not allow for remote reading. The new meters will allow the Borough to maintain more accurate records of water usage, locate water leaks more easily, and reduce maintenance and operating costs.

Project Description

The replacement of all existing water meters and specific curb valves throughout the Borough.

Anticipated Recipient:	Ship Bottom Borough		
Project No.:	S340311-04	Eligible Project Cost:	$2,568,400
Rank:	1128		
County:	Ocean	Total State Amount:	$2,568,400

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001156
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.001156

Project Name, Number	Priority List Rank
Ship Bottom Borough S340311-04 Water Efficiency / Water Meters	1128

County

Ocean

Existing Population

1,156

Service Area

Water meters and pits will be installed at all residential dwelling units within the municipality.

Need for Project

This project will address the requirements of the previously issued water allocation permit.

Project Description

The Borough proposes to provide water meters in meter pits for every unmetered service connection within the Borough. The number of connections is approximately 1350.The Borough currently has 500 Sensus Meter installations. Ship Bottom has a shared service agreement with Stafford Township and the Township will install the 1350 meters over a 3 year period. Stafford & Ship Bottom also have a Cooperative Pricing System Agreement for meter pits and materials needed for the installation. Bid documents have been prepared and are included with this application.

Anticipated Recipient:	Teterboro Borough		
Project No.:	S340339-02	Eligible Project Cost:	$21,889,460
Rank:	1129		
County:	Bergen	Total State Amount:	$21,889,460

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	1.8E-5
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.000018

Project Name, Number	Priority List Rank
Teterboro Borough S340339-02 Remedial Action/Contaminated Site Cleanups (Brownfields)	1129

County

Bergen

Existing Population

18

Service Area

Borough of Teterboro

Need for Project

Remediation of this site will significantly improve the quality of the groundwater.

Project Description

This project is a Brownfield Redevelopment Project of a former manufacturing facility. The applicant proposes to remediate both soil and groundwater at the project site through soil excavation and in-situ treatment.

Anticipated Recipient:	Teterboro Borough		
Project No.:	S340339-03	Eligible Project Cost:	$33,535,341
Rank:	1129		
County:	Bergen	Total State Amount:	$33,535,341

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES	Possible Points	Points Scored
	0-200	0
II. PROJECT DISCHARGE TYPE	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	1.8E-5
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.000018

Project Name, Number	Priority List Rank
Teterboro Borough S340339-03 Remedial Action/Contaminated Site Cleanups (Brownfields)	1129

County

Bergen

Existing Population

18

Service Area

Teterboro Borough

Need for Project

A redevelopment project in Teterboro will elimnate contaminated runoff and leachate from discharges to surrounding water bodies and groundwater that could adversely impact water quality in the project area. New sewer and stormwater infrastructure will elimanate an existing combined system.

Project Description

The proposed project includes construction of stormwater management controls and a sanitary sewer conveyance system.