

# **Clean Water Financing**

## **Priority System, Intended Use Plan, Project Priority List and Response Document for Federal Fiscal Year 2016**

**(including updates and information on Sandy CWSRF  
Financing)**



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

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# CLEAN WATER FINANCING

## FEDERAL FISCAL YEAR 2016 (FFY2016) PRIORITY SYSTEM, INTENDED USE PLAN, PROJECT PRIORITY LIST AND RESPONSE DOCUMENT (including information and updates on Sandy CWSRF Financing)

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# **Priority System, Intended Use Plan, Project Priority List, and Response Document for Federal Fiscal Year 2016 (FFY2016) (including information on Superstorm Sandy CWSRF Financing)**

## **- Clean Water Financing -**

### **PROGRAM OVERVIEW**

The Water Quality Act of 1987, which amended the federal Clean Water Act (CWA), required states to establish a Clean Water State Revolving Fund (CWSRF) program to qualify for federal capitalization grants. The CWSRF provides financial assistance for the construction and implementation of projects that help to protect, maintain and improve water quality. It is a self-perpetuating program, in that loan repayments are used to finance future projects. On June 10, 2014, President Obama signed into law the Water Resources Reform and Development Act of 2014 (WRRDA) that introduced new requirements and changes to the Clean Water SRF Program. The major changes that project sponsors should be aware of are highlighted below.

Established in 1988, New Jersey's CWSRF program is included in the Environmental Infrastructure Financing Program (EIFP). The EIFP is a partnership between the New Jersey Department of Environmental Protection (Department) and the New Jersey Environmental Infrastructure Trust (Trust) providing low-interest loans for environmental infrastructure projects. The Department and the Trust also administer New Jersey's Drinking Water SRF (DWSRF) under the Safe Drinking Water Act, the priorities and policies for which are established in a separate Priority System document. Since 1988 the clean water and drinking water components of the EIFP have awarded more than \$6.5 billion in loans throughout the State. As of March 1, 2017, 1165 of the 1391 funded projects totaling more than \$5.5 billion in construction costs have been completed, have initiated operations, and have been administratively closed out; 226 projects totaling slightly more than \$1 billion in project costs are actively contracting or under construction.

The Priority System/Intended Use Plan document must be approved by the US Environmental Protection Agency (USEPA) for the Department to be awarded its capitalization grants used to finance infrastructure projects. The FFY2016 CWSRF capitalization grant is targeted to be awarded to the Department in September 2016, for use in the State Fiscal Year 2017 Financing Program (July 1, 2016 to June 30, 2017). The Priority System (Appendix 1) presents the project ranking methodology that is used to develop and rank projects on the Project Priority List. Projects eligible for assistance include a wide variety of wastewater treatment, combined sewer and stormwater

management projects, as well as nonpoint source pollution control projects that include open space land acquisition and conservation, landfill closure and construction, remedial action activities and well sealing. Financing is generally in the form of a low-interest loan as low as one-quarter the market rate, with limited opportunities for 100% interest-free, Department-only financing and principal forgiveness loans.

The Department proposed several significant changes to the FFY16/SFY17 Program that include the following:

- Offering 100% DEP interest-free financing (with no NJEIT loan component) to communities in a CSO sewershed sponsoring construction projects that reduce or eliminate excessive infiltration/inflow or extraneous flows (with loan terms up to 30 years);
- Allowing borrowers to convert their short-term construction loans into long-term loans from the DEP and the NJEIT every 6-8 months provided the project is listed in the approved State legislation authorizing its financing and is able to satisfy the Term Financing Criteria established by the NJEIT requiring a certain percentage of construction completion;
- In order to fulfill the State's obligation to provide a 20% match which consists of CDBG-DR funds, the Department is proposing a plan to provide low-interest and interest free loans to project sponsors that utilize the CDBG-DR funds as the source of their project's loan monies. Loans are available to project sponsors that agree to utilize CDBG-DR funds and are willing to comply with the associated requirements;
- Offering 100% interest-free financing through the NJEIT's Planning and Design Loan Program to help CSO permittees develop long-term control plans for the CSO sewershed (with loan terms up to 10 years) with the expectation that such plans will result in a capital improvement project. The Department is proposing to reserve \$20 million in SRF loan repayments for this purpose;
- Adjust the financing terms for projects that have significant private involvement and are utilizing a local government unit as a conduit to access the Financing Program for redevelopment purposes such that 50% of the allowable costs are financed with interest-free loans and the remaining costs financed through the NJEIT at market rate;
- Introduce the Program's Affordability Criteria developed to satisfy a new federal requirement established in the Water Resources Reform and Development Act of 2014 (WRRDA) which mandates that each state's CWSRF program develop affordability criteria that will assist in identifying applicants that would have difficulty financing projects without additional subsidization;
- Remove the existing caps of \$600,000 for emergency loans and \$500,000 for supplemental loans that is currently in place;
- Post a listing of active projects for project sponsors and other interested parties to view which will include key milestone dates with target dates or actual completion dates for all active clean water and drinking water projects on the DEP website and the NJEIT website quarterly; and
- Highlight the Program's ability to finance farmland preservation activities, including land acquisition or stream buffers and the implementation of best management practices such as fencing, feedlot and manure runoff control systems and other approved practices that help protect water quality.

The Department is expecting to have somewhere in the range of \$3M to \$6M to provide principal forgiveness loans in the SFY17 Program. The Department is proposing to reserve 50% of the available principal forgiveness funds and provide principal forgiveness loans for Combined Sewer Overflow (CSO) abatement projects utilizing green practices (such as green roofs, blue roofs, rain gardens, porous pavement, and other activities that maintain and restore natural hydrology by infiltrating, evapotranspiring and harvesting and using stormwater). The remaining 50% of the available principal forgiveness funds would be reserved for stormwater and non-point source pollution management projects in the Barnegat Bay Watershed. The Department is proposing to clarify that NPS projects will include projects that address septic system failures through the construction of a centralized collection system. Several projects eligible for Barnegat Bay Watershed Financing have applied for financing. In the initial years of this program, project costs were relatively low. Over time, as more projects have applied under the Barnegat Bay Watershed Program, project costs have increased to the point that the Department is proposing to establish a \$1 million per project sponsor cap for the FFY16 Program.

In addition to the CSO and Barnegat Bay reserves, the Department is also proposing to continue to reserve up to \$5M for equipment purchases and \$30M for brownfield redevelopment projects in this year's Priority System. For the purposes of the equipment purchase reserve, equipment is limited to street sweepers, jet-vac trucks, portable generators and other equipment where construction services (such as the installation of a pad to support a generator) are not needed to effectuate the project.

Although the Department is working to award all of the Sandy CWSRF funds in the SFY16 Program, there is the possibility that the amount of approvable projects in the SFY16 program do not utilize all of the available Sandy CWSRF funds. As such, the Department will continue to accept submittals under the Sandy CWSRF Program, which includes a principal forgiveness component of approximately 19% of the allowable costs. If all of the Sandy CWSRF funds are awarded in SFY16, new submittals will continue to be eligible under the 75% DEP and 25% Trust loan structure.

All local government units that have a project or projects listed or eligible for listing on the FFY2016 Priority List were required to commit to the following schedule by October 9, 2015 to be considered for the SFY2017 Financing Program. The commitment (also known as a Letter-of-Intent) is made through a user account at <https://www.h2loans.com>. If you are new to the Financing Program, please contact the NJ Environmental Infrastructure Trust at 609-219-8600 to request a user account. Project sponsors are encouraged to make complete submittals as soon as they can so that project approvals can begin as soon as possible.

<b>CWSRF Program Schedule (FFY16/SFY17)</b>	
<b>Activity</b>	<b>Deadline</b>
Commitment Letter (Letter of Intent) and Planning Documents	October 9, 2015
Design Documents and Loan Application	March 4, 2016

The Department included a second chance opportunity to accommodate project sponsors that missed

the initial commitment letter and planning document deadline of October 9, 2015 to participate in the FFY2016/ SFY2017 Financing Program. Sponsors of such projects were required to submit a Commitment Letter (Letter of Intent), Planning, Design and Loan Application by the March 4, 2016 deadline.

Sponsors of projects not currently listed on the FFY2016 Priority List also needed to submit basic project information with their commitment letter (Letter of Intent) in order to be considered for the second chance opportunity in the FFY2016/SFY2017 Financing Program.

Second chance projects were eligible for loans (at one-quarter the market rate with limited opportunities for principal forgiveness) in the SFY2017 Financing Program provided the project met the program requirements in a timely manner and that there are sufficient CWSRF monies based on the project's rank and readiness. Second chance projects will be ranked in accordance with the FFY2016 Priority System and assigned a rank below the projects that met the October deadline which have been identified in the January Report to Legislature.

To ensure that all projects ranked below the CWSRF fundable range have an opportunity to access to NJEIFP funding, the Department is proposing to grant priority status to approved projects that are ranked below the fundable range in the CWSRF Program based on the date of project approval. As such, there is a strong incentive for applicants to submit necessary application related documents and secure approvals as soon as possible. The Department is committing resources for the timely approval of all applications. Moreover, short term funding of such projects will be available immediately upon approval through either the Interim Financing (Construction Loan) Program or the Statewide Assistance Infrastructure Loan (SAIL) Financing Program, further ensuring that such projects commence construction as soon as possible.

All applicants are strongly encouraged to attend a pre-application meeting with appropriate staff within the Municipal Finance and Construction Element. To request a pre-application meeting, please contact Gautam Patel, Chief, Bureau of Environmental, Engineering and Permitting at **(609) 633-1170**. The Department is continuing to require project sponsors to submit a planning checklist with the planning document submittal so that the submittals are more complete and the reviews can be expedited.

### **SAIL Loan Program**

The Trust-administered Disaster Recovery Emergency Loan Fund (commonly referred to as the Statewide Assistance Infrastructure Loan (SAIL) Program) is designed for project sponsors that are certain that FEMA will provide grant funding for a substantial portion of the overall project costs. SAIL is a short-term bridge loan program to help facilitate the cash flow needs of municipalities and authorities and pay for construction costs related to the repair of infrastructure damaged during Sandy and projects to improve infrastructure resiliency in future disasters.

Projects will be financed on a first-approved, first-funded basis provided the project satisfies the requirements to be classified as a SAIL project under the approved legislation (including listing of

the project on the SAIL List submitted to Legislature) and certification for eligibility by the Department and the Trust.

For projects that receive FEMA funding, the Department is proposing to continue to allow CWSRF funds to be used for the local share (typically 10% of the costs) and any costs not covered by FEMA and allowable under the CWSRF. The Department recognizes that CWSRF repayments, State Match funds (including CDBG-DR funds – the State Match for the Sandy CWSRF grant) and other non-federal shares can be used to finance local shares and costs not covered by FEMA without it being considered a double benefit and possibly jeopardize a local unit's FEMA funding.

### **WRRDA Provisions**

On June 10, 2014, President Obama signed into law the Water Resources Reform and Development Act of 2014 (WRRDA) that introduce new requirements for CWSRF applicants and recipients. The major changes that project sponsors should be aware of are as follows:

- **A/E services must be procured under federal procurement rules at 40 U.S.C. 1101 et seq.**  
All architectural and engineering (A/E) contracts **funded by the capitalization grant** that are awarded on or after October 1, 2014 must comply with the procurement processes for A/E services (including feasibility studies, preliminary engineering, design services, surveying, mapping, construction management, etc.) as identified in 40 U.S.C. 1101 et. seq.

The base program has the ability to finance A/E contracts that did not follow federal procurement rules with non-capitalization grant funds (i.e., EIT shares, State match, loan repayments, etc.). However, sponsors of projects seeking Sandy SRF financing should be aware that the program's ability to finance A/E costs associated with contracts that did not meet the federal procurement requirements is limited to the Trust share (representing approximately 25% of the allowable project costs). **Finally, this requirement does not jeopardize the project eligibility and is only an issue associated with the program's ability to reimburse sponsors for these soft costs.**

Project sponsors subject to the requirements must follow the procurement requirements identified below for A/E services:

- Public announcement of the solicitation (e.g., a Request for Qualifications);
- Evaluation and ranking of the submitted qualifications statements based on established, publicly available criteria (e.g., identified in the solicitation);
  - Evaluation criteria should be based on demonstrated competence and qualification for the type of professional services required (e.g., past performance, specialized experience, and technical competence in the type of work required);
- Discussion with at least three firms to consider anticipated concepts and compare alternative methods for furnishing services;
- Selection of at least three firms considered to be the most highly qualified to provide the services required; and
- Contract negotiation with the most highly qualified firm to determine compensation that is fair and reasonable based on a clear understanding of the project scope, complexity, professional nature, and the estimated value of the services to be rendered;

- In the event that a contract cannot be negotiated with the most highly qualified firm, negotiation continues in order of qualification.
- **Requires treatment works receiving assistance to develop and implement a fiscal sustainability plan and certify that it has been implemented prior to receiving assistance.**

WRRDA requires a recipient of a loan for a project that involves the repair, replacement, or expansion of a treatment works to develop and implement a fiscal sustainability plan (FSP) or certify that it has developed and implemented such a plan.

The statute requires that FSPs include, at a minimum:

- an inventory of critical assets that are part of the treatment works;
- an evaluation of the condition and performance of inventoried assets or asset groupings;
- a certification that the assistance recipient has evaluated and will be implementing water and energy conservation efforts as part of the plan; and
- a plan for maintaining, repairing, and, as necessary, replacing the treatment works and a plan for funding such activities.

In NJ, CWSRF loan recipients must certify that an FSP has been developed and is being implemented at the time of loan award or certify that one will be completed before construction completion.

This provision applies to all new loan applications submitted for the SFY17 Program.

- **Codifies American Iron and Steel (AIS) requirement.**

WRRDA codifies a provision that had recently been included in EPA's SRF appropriations that requires assistance recipients, absent a waiver, to use iron and steel products that are produced in the United States for projects for the construction, alteration, maintenance, and repair of treatment works.

- **Codifies Davis-Bacon requirement.**

WRRDA permanently applies the prevailing wage (Davis-Bacon) provision to any projects for treatment works that are funded by a CWSRF. WRRDA also codifies a provision that had recently been included in EPA's SRF appropriations that requires assistance recipients, absent a waiver, to use iron and steel products that are produced in the United States for projects for the construction, alteration, maintenance, and repair of treatment works. These provisions apply to all CWSRF projects in New Jersey.

- **Assistance recipients must certify that it has studied cost-effectiveness, and has selected a project with the greatest potential for water reuse, water conservation, and energy conservation.**
- **In addition, WRRDA also included provisions that allow for 30-year loans, expands the eligible activities for the CWSRF program, modifies the administrative allowance calculations, formalizes the additional subsidization formula and requires EPA to conduct a study of the allotment formula to determine whether it addresses water quality needs in accordance with the most recent needs survey and any**

**other information EPA considers appropriate and report to Congress on results of the study and recommend changes to the formula.**

- **WRRDA also requires States to develop affordability criteria that are intended to assist them in identifying applicants that would have difficulty financing projects without additional subsidization. NJ's affordability criteria are explained in more detail in the Proposal document. WRRDA requires states to establish their criteria by September 30, 2015 after providing notice and an opportunity for public comment.**

The Department completed the development of the Proposed Priority System, Intended Use Plan and Project Priority List for FFY2016 in August 2015. The Department is issued the proposal and made it available for public review and comment. A hearing on the Proposed FFY2016 Priority System document for Clean Water Financing was held at the offices of the NJ Environmental Infrastructure Trust, 3131 Princeton Pike, Building 4, Suite 216, Lawrenceville, New Jersey, in the large conference room on Tuesday, September 22, 2015. The period for submitting written comments on the proposal closed on September 30, 2015. All comments submitted prior to the close of the comment period were considered in the preparation of the final FFY2016 Priority System and Sandy CWSRF documents.

## **INTENDED USE PLAN**

USEPA requires the Department to develop Intended Use Plans (IUPs) to qualify for CWSRF capitalization grants to support the program and the project loans. This IUP provides information on funds available through the EIFP to provide financial assistance for clean water projects and identifies State policies governing loan awards.

### **FFY15/SFY16 DEP/Trust Financing Program (including the Sandy CWSRF)**

The CWSRF can finance a wide variety of wastewater, stormwater and nonpoint source management projects under the traditional Priority System ranking methodology, including sponsors implementing resiliency measures or other improvements to their wastewater or stormwater conveyance or treatment facilities. Financing is generally in the form of a low-interest loan as low as one-quarter the market rate, with limited opportunities for principal forgiveness. Eligible applicants include local government units, including municipalities, counties, sewerage authorities, municipal utilities authorities, county improvement authorities and other subdivisions of government.

The SFY2016 Base Financing Program will offer four loan packages as follows:

1. For projects eligible for **the principal forgiveness package** from the Barnegat Bay and CSO abatement reserves, 50% of the allowable project costs up to \$1M will be financed with a principal forgiveness loan, 25% of the allowable project costs through an interest-free loan and the remaining allowable project costs through a market-rate loan from the New Jersey Environmental Infrastructure Trust (Trust). If the total allowable costs (including the leveraged Trust portion) for a CSO-Green project is greater than \$2 million, then the remainder of the project costs will be covered by the Program's 2016 CSO Financing Package described below.
2. For all new projects, **the 2016 Base Financing Package** includes an interest-free loan from the Department for up to 75% of the allowable project costs and a market-rate loan from the Trust for the remaining allowable costs with terms up to 30 years.
3. For all new CSO abatement projects, **the 2016 CSO Package** includes an interest-free loan from the Department for up to 100% of the allowable project costs with terms up to 30 years.
4. For all new conduit/redevelopment projects, **the 2016 Redevelopment Financing Package** consists of an interest-free loan from the Department for up to 50% of the allowable project costs (not to exceed \$25M) and a market rate loan from the Trust for the remaining allowable project costs.

Please note that loan terms for supplemental loans will be the same terms as were made for the original executed CWSRF loan with no provisions for principal forgiveness. Supplemental loan projects that received a 60% DEP/40% Trust package as a base loan qualify for a 75% DEP/25% Trust supplemental package.

All local government units that have a project or projects listed or eligible for listing on the FFY2016 Priority List are required to commit to the following schedule by October 9, 2015 to be considered for the SFY2017 Financing Program. The commitment (also known as a Letter-of-Intent) is made through your user account at <https://www.h2loans.com/app/> . If you are new to the Financing Program, please contact the NJ Environmental Infrastructure Trust at 609-219-8600 to request a user account. Project sponsors are encouraged to make complete submittals as soon as they can so that project approvals can begin as soon as possible.

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A second chance opportunity to accommodate project sponsors that missed the initial commitment letter and planning document deadline of October 9, 2015 to participate in the FFY2016/ SFY2017 Financing Program. Sponsors of such projects were required to submit a Commitment Letter (Letter of Intent), Planning, Design and Loan Application by the March 4, 2016 deadline.

To ensure that all projects ranked below the CWSRF fundable range have an opportunity to access to NJEIFP funding, the Department is proposing to grant priority status to approved projects that are ranked below the fundable range in the CWSRF Program based on the date of project approval. As such, there is a strong incentive for applicants to submit necessary application related documents and secure approvals as soon as possible. The Department is committing resources for the timely approval of all applications. Moreover, funding of such projects will be available immediately upon approval through either the Interim Financing Program or the SAIL Financing Program, further ensuring that such projects commence construction as soon as possible.

For the SFY 2017 DEP/Trust Financing Program, the Department is proposing the following reserve funds:

- The Department will reserve a maximum of \$5,000,000 for equipment purchases in support of the Trust’s establishment of an open application process for certain equipment purchase projects. For the purposes of this reserve, equipment is limited to street sweepers, jet-vac trucks, portable generators and other equipment where construction services (such as the installation of a pad to support a generator) are not needed to effectuate the project.
- The Department will reserve a maximum of \$20,000,000 to provide interest free planning loans through the Trust’s Planning and Design Loan Program to help CSO permittees develop long-term control plans for the CSO sewershed (with loan terms up to 10 years). Eligibility for LTCP financing is limited to CSO communities. The planning loan will be converted to a long-term loan at the time of the completion of the LTCP and coupled with a construction loan that finances the implementation of a capital project. If there is no capital project to be implemented before the 10-year planning term expires, full loan repayment would be due.

- The Department is proposing to reserve 50% of the available principal forgiveness funds and provide principal forgiveness loans for Combined Sewer Overflow (CSO) abatement projects utilizing green practices (such as green roofs, blue roofs, rain gardens, porous pavement, and other activities that maintain and restore natural hydrology by infiltrating, evapotranspiring and harvesting and using stormwater) with a \$1,000,000 per project sponsor limit.
- The remaining 50% of the available principal forgiveness funds would be reserved for stormwater and non-point source pollution management projects in the Barnegat Bay Watershed with a \$1,000,000 per project sponsor limit.
- The Department is proposing to continue to reserve up to \$30,000,000 for Brownfield Redevelopment Projects which will be allocated to brownfield remediation projects in order of their ranking. In cases where the available Fund loan does not cover 50 percent of the allowable project costs, the Trust may finance the remaining allowable costs. Financing above and beyond the amount set-aside for such projects will be considered if monies are available after the need for funding of higher ranking projects during the funding cycle has been satisfied. Conversely, if any set-aside funds are not used up because of reduced demand for brownfield remediation loans, the leftover funds may be used to finance projects listed on the Priority List that may otherwise not receive financing in the 2017 Program.

In addition, the Department will reserve funds in a Green Project Reserve (GPR) equal to a minimum of 10 percent of the State's FFY2016 allocation, subject to federal requirements. The FFY2013 Appropriation to the CWSRF Program included language requiring states to use a minimum of 10 percent of their allocation to support green technologies and the establishment of a GPR may be required in FFY2016 as well. If the Department determines that there are insufficient applications or there are deficiencies in the application for projects eligible to be financed through the GPR, the Department may use the funds allocated to the GPR to finance other clean water projects in the SFY2017 Program.

The FFY2016 Priority System maintains the requirement for projects involving publicly-owned brownfields projects. Project sponsors must pledge that the site on which the improvements occur will remain in public ownership for the term of the loan (typically 20-30 years). While the Financing Program will allow the public sponsor to sell the improved land to a private entity and use it for private purposes, the loans provided by the Department and the Trust to finance the improvements must be repaid in full upon the transfer of ownership. This requirement does not apply to conduit borrowers' projects, which by their nature, involve private developer(s) and private ownership interests.

It should be noted that Congress is considering the amount of funds that will be provided to the CWSRF in FFY2016. In addition, efforts are underway at the federal level to reauthorize the Clean Water Act. Loan repayments and a limited amount of State bond proceeds are available to address some clean water needs, but additional federal funding will be necessary to fully address the overall water quality improvement needs of the State.

### **SAIL Loan Program**

Projects eligible for financing through the Trust-administered Disaster Relief Emergency Financing Program is envisioned to include a wide variety of wastewater treatment, stormwater management and nonpoint source pollution abatement projects that were impacted by Superstorm Sandy. The SAIL Program is designed to be a short-term bridge loan program to help facilitate the cash flow needs of municipalities and authorities in anticipation of reimbursement through the FEMA grant program to pay for construction costs related to the repair of infrastructure damaged during Sandy and projects to improve infrastructure resiliency in future disasters.

The Department recognizes that CWSRF repayments, State Match funds (including CDBG-DR funds – the State Match for the Sandy CWSRF grant) and other non-federal shares can be used to finance local shares and costs not covered by FEMA without it being considered a double benefit and possibly jeopardize a local unit’s FEMA funding.

Eligible applicants include local government units, including municipalities, counties, sewerage authorities, municipal utilities authorities, county improvement authorities and other subdivisions of government.

SAIL significantly broadens the options available for financing such projects by providing funding opportunities to projects otherwise unable to secure financing and expanding funding sources through low interest loans for terms up to 3 fiscal years.

Projects will be financed through the SAIL Program on a first-approved, first-funded basis provided the project satisfies the requirements to be classified as a disaster relief project under the legislation and the Trust Board Resolution approved June 13, 2013, which includes:

1. The Commissioner of the Department of Environmental Protection has determined and certified in writing that the Project is necessary and appropriate to (a) repair damage to a wastewater treatment system or water supply facility directly arising from an act of terrorism, seismic activity or weather conditions that occurred within the prior three State Fiscal Years and that gave rise to a declaration by the Governor of the State (the “Governor”) of a state of emergency, provided that such wastewater treatment system or water supply facility is located in a county included in the Governor’s state of emergency declaration, or (b) mitigate the risk of future damage to a wastewater treatment system or water supply facility from an act of terrorism, seismic activity or weather conditions comparable in scope and severity to an act of terrorism, seismic activity or weather conditions that occurred within the prior three State Fiscal Years and that gave rise to a declaration by the Governor of a state of emergency, provided that such wastewater treatment system or water supply facility is located in a county included in the Governor’s state of emergency declaration;
2. The Project is listed on the Disaster Relief Emergency Financing Program Eligibility List for funding in the forthcoming State Fiscal Year submitted to the Legislature in a form provided by the Commissioner of the NJDEP;
3. The proposed Borrower has submitted a complete application for the Project to the Trust; and
4. The Board of Directors of the Trust has certified the Project.

### **Additional CWSRF Provisions**

Programmatic requirements imposed by the Water Quality Act of 1987 include 1 through 5 below. It is anticipated that these provisions will be maintained in a subsequent federal reauthorization act or federal policy. If substantial changes in the Act necessitate the Department's revision of the FFY2016 PS document, additional public participation efforts will be conducted.

1. The schedule of state capitalization grant payments, jointly agreed upon by the Administrator of the EPA and each state, is based upon the state's IUP.
2. States are required to deposit in the CWSRF, from state monies, an amount equal to at least 20 percent of the total amount of all capitalization grants made to the state.
3. The fund created with federal capitalization grants can only be used to provide assistance for (a) the construction of publicly owned treatment works, (b) the implementation of a NPS (nonpoint source) management program, which includes construction of stormwater/NPS management facilities, and (c) the development and implementation of an estuary conservation and management plan. Although CWSRF loans may only be provided for publicly-owned wastewater treatment and stormwater sewer systems, if a government unit assumes ownership of a privately-owned system, a loan may be provided under the authority of section 603(c) of the federal CWA. A state may also deem the public ownership requirement as being met for small/on-site systems if adequate inspections and operations are ensured through the establishment of a septic management district or use of service easements.
4. Monies in the CWSRF may be used to provide loans at or below market interest rate, for terms not greater than 30 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 CWSRF (principal and interest) for Title VI purposes. The recipient of a loan must establish a dedicated source of repayments. The CWA also authorized the use of federal CWSRF monies to refinance local debt obligations, provide guarantees, or purchase insurance.
5. Prior to and including FFY94, states were required to reserve the greater of \$100,000 or one percent of their annual allotment for the development and implementation of NPS management programs. This reserve may be re-enacted or otherwise modified for FFY2014 as a result of reauthorization of the CWA or subsequent federal guidance.

The Table below represents estimated amounts of the available sources and anticipated uses for the Clean Water component of the Environmental Infrastructure Financing Program:

#### **SFY2016 Financing Program**

##### **Anticipated Sources:**

Funds Available from prior years	\$248.0M
Repayments from prior years' loans	\$80.0M
<u>FY2015 CWSRF Grant</u>	<u>\$50.0M</u>
Subtotal	\$378.0M

Anticipated Trust Share: \$126.0M

**Total Program Sources:** **\$504.0M**

**Anticipated Uses:**

Projects to be Financed in the SFY2016 Program \$350.0M

Projected Amount available for SFY2017 CWSRF Program: \$154.0M

**SFY2017 Financing Program**

**Anticipated Sources:**

Funds Available from prior years \$154.0M

Repayments from prior years' loans \$ 80.0M

FY2016 CWSRF Grant (Projected) \$ 50.0M

Total \$284.0M

Anticipated Trust Share: \$94.0M

**Total Program Sources:** **\$378.0M**

**A. Financial Relationships between the CWSRF and the DWSRF**

The 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.

The CWSRF program evaluates funds available to determine if adequate monies are available to be utilized 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 loan repayments to the DWSRF accounts or vice-versa.

The Department fully supports efforts to enact legislation to continue to allow the transfer of funds and the transfer provision has been extended by the USEPA. If approved, the Department reserves the right to transfer funds from the CWSRF to the DWSRF (or vice-versa) each fiscal year to the extent allowed by law. The Department will annually evaluate the monies available in each SRF program and whether there is a need to transfer funds. While all projects that meet the program requirements and are ready to proceed have been able to receive a CWSRF or DWSRF loan in the past, the ability of the programs to finance all qualifying projects in the future is uncertain because of reduced funding.

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

## **B. Planning/Design Requirements**

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

1. A complete project report.
2. The environmental assessment report (level 1, level 2 or level 3, as determined by the Department). For those projects that have the potential to facilitate growth or cause significant adverse environmental impacts, the Department will thoroughly evaluate the planning submitted by the project sponsor which may include but not be limited to the water quality/quantity impacts, location in the State, impacts to riparian corridors, the existing pollution control needs, assessment of the resulting environment, detailed assessment of proposed alternatives and cost-effectiveness of the proposal. The Department's funding decisions will take into account the project's growth potential, the project's location and the project's aggregate impacts as determined through such evaluations.
3. Complete cultural resources survey documentation.
4. Long-term sludge management plan for projects involving a treatment plant upgrade or expansion.
5. Documentation of completed public participation activities.
6. The results of preliminary coordination activities with lead agencies regarding environmental and permit concerns.
7. Plans and specifications for the project, including appropriate environmental mitigation/restoration components.
8. For open space land acquisition projects, an evaluation of the land to be acquired, including the water quality benefits to be derived from the proposed land purchase.
9. For any stormwater/NPS management project, the water quality benefits to be achieved by the proposed work.
10. Documentation that all applicable permits and approvals to implement the project have been received from all applicable federal, State and County agencies.

Projects with unacceptable planning documentation and those lacking the required construction permits and approvals will be bypassed (removed from funding consideration in the current funding cycle). If the local government unit does not commit to the document submittal schedule, the Department interprets this as a decision to not pursue funding in FFY2015/SFY2016 and will result in a "BEYOND 16" designation under the estimated State certification date column on the Priority List.

### **C. Loan Awards**

Loan awards for new projects will be made in SFY2017 for up to 100 percent of the allowable project costs to cover the low bid building costs and other allowable project costs that are identified in the program rules at N.J.A.C. 7:22-3, 4, and 5. The loan term will generally be 30 years but cannot exceed the useful life of the facility. The initial loan amount will be limited to the certified project cost, which may reflect (1) the estimated allowable project cost based on the project sponsor's loan application and included in the legislative appropriation or (2) the allowable project costs based on the actual low bid building cost, whichever is less. For projects financed in prior years, the adjustment to provide funding based on the low bid building cost will be made only after all project-related contracts have been awarded.

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

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

Planning and design costs may be fully reimbursable and eligible for financial assistance from the EIFP at the time of loan award. Alternatively, a project sponsor can opt for an allowance to assist in defraying planning and design expenses. If State funding for planning and design costs has otherwise been awarded for the same project scope (such as through the Sewage Infrastructure Improvement Act Grants Program), the planning and design costs eligible for EIFP financing would be reduced accordingly.

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

All wastewater treatment projects must be sized in accordance with a cost-effective analysis to accommodate existing needs as well as 20-year reserve capacity. Historically, the recipient's financial assistance from the Department was limited to the cost of the project with a capacity based upon flow records and flows anticipated prior to the date of initiation of operation as established in the Fund loan agreement. In order to advance the State's smart growth initiatives, the Department and the Trust have adopted amendments to the Financing Program rule that allows the Department to fully fund its share of project costs related to reserve capacity for projects that serve areas designated as Urban Centers and Complexes and other Priority Growth Areas.

#### **D. State Strategic Plan and the Financing Program**

The State Strategic Plan focuses the Department and all other agencies of New Jersey State government on four goals:

- Targeted Economic Growth
- Effective Planning for Vibrant Regions
- Preservation and Enhancement of Critical State Resources
- Tactical Alignment of Government

To advance efforts to incorporate these goals into State policies and financing programs, the Department continues to make low-cost financing available for the following project types, locations and/or designations:

**Urban Centers and Urban Complexes** – Wastewater treatment and stormwater management projects that serve Urban Centers and Urban Complexes designated by the State Planning Commission are considered Smart Growth. To date, the State Planning Commission has designated Asbury Park, Atlantic City, Camden, Elizabeth, Jersey City, New Brunswick, Newark, Paterson and Trenton as Urban Centers and one Urban Complex, the Hudson County Urban Complex, which includes the following municipalities: Bayonne, East Newark, Guttenberg, Harrison, Hoboken, Jersey City, Kearny, North Bergen, Secaucus, Union, Weehawken, and West New York.

**Combined Sewer Overflow Abatement** – Combined sewer systems (CSSs) are wastewater collection systems designed to carry sanitary sewage, industrial and commercial wastewater, and storm water runoff in a single system of pipes to a publicly owned treatment works (POTW). During dry weather, all flow (composed primarily of sanitary sewage and industrial/commercial wastewater) is conveyed to the POTW. During periods of rainfall or snow melt, the total wastewater flows entering the collection system can exceed the capacity of the system or the treatment facility. Under such conditions, CSSs are designed to overflow at predetermined CSO points and result in discharges excess wastewater flows directly to surface water bodies such as rivers, estuaries, and coastal waters.

Because CSOs discharges include raw sewage, they contain a combination of untreated human waste and pollutants discharged by commercial and industrial establishments. CSOs also have a significant storm water component that includes pollutants from urban and rural runoff. These pathogens, solids, and toxic pollutants may be discharged directly to the waters of the state during wet weather events. Combined sewer overflows are a human health concern because they can create the potential for exposure to disease-causing pathogens, including protozoa, bacteria, and viruses. Exposure to CSO

contaminants through swimming or other contact can lead to infectious diseases such as hepatitis, gastrointestinal disorders, dysentery, and swimmer's ear infection. Other forms of bacteria can cause typhoid, cholera, and dysentery. Human health also can be impacted from ingesting fish or shellfish contaminated by CSO discharges.

All projects that contribute to the correction of combined sewer systems and discharge points including elimination, relocation or consolidation of discharge points and construction of facilities or purchase of equipment to remove solids and floatables are eligible.

**On-Site Rehabilitation of Septic Systems** - Under the Financing Program, a local government unit may apply for funding to upgrade or replace failing on-site systems. The nature and extent of failures would be documented during planning and a Septic Management District (SMD) would have to be established in order to assure on-going operation and maintenance (typically, this involves implementing a system to assure regular, usually once every three years, pump out and/or inspection of the on-site systems). While some SMDs have formed in New Jersey (so there is institutional precedent on which to advance this option), none have tackled the costly job of system rehabilitation as yet.

**Designated Brownfields Development Areas** - These are areas that have applied for and have received formal designation by the Department under the BDA Initiative. Wastewater treatment and stormwater management projects that are located in DEP designated BDAs are eligible. The sites within the BDA will be handled by a single project manager, who will coordinate with partnering state agencies to direct targeted technical and financial assistance to sites within the BDA neighborhoods.

Currently, there are twenty-three BDAs ([www.state.nj.us/dep/srp/brownsfields/bda/bdalist.htm](http://www.state.nj.us/dep/srp/brownsfields/bda/bdalist.htm)) in New Jersey and they are as follows: Cramer Hill BDA in Camden, Camden County; North Camden BDA in Camden, Camden County; Monument/Magic Marker BDA in Trenton, Mercer County; Elizabethport BDA in Elizabeth, Union County; Milltown Ford Avenue BDA in Milltown Borough, Middlesex County; Route 73 South BDA in Palmyra Borough, Burlington County; Coit Street BDA in Irvington, Essex County; Lister Avenue BDA in Newark, Essex County; and Pennsauken Waterfront in Pennsauken Township, Camden; Waterfront South in Camden, Camden County; Bayonne Route 440 BDA in Bayonne, Hudson County; Harrison Waterfront BDA in Harrison, Hudson County; Assunpink Greenway BDA in Trenton, Mercer County; Keyport Waterfront BDA in Keyport Borough, Monmouth County; Great Falls Historic Distric BDA in Paterson, Passaic County; West Lake Avenue in Neptune Township; Central Valley in Orange/West Orange; Salem Industrial Green way in Salem City; Bellmawr Landfills in Bellmawr; Chrome Waterfront in Carteret; Grand Jersey in Jersey City; and North Outerbridge Crossing in Perth Amboy. It is anticipated that the municipality will most often serve as the loan recipient under this option to effect remediation at multiple sites in the designated BDA, although county improvement authorities or similar entities could also participate and provide assistance in this environmental improvement effort.

**Designated Transit Villages** - The New Jersey Department of Transportation (NJDOT) and NJ TRANSIT spearhead a multi-agency Smart Growth partnership known as the Transit Village Initiative. The Transit Village Initiative helps to redevelop and revitalize communities around transit facilities to make them an appealing choice for people to live, work and play, thereby reducing

reliance on the automobile. The Transit Village Initiative is an excellent model for Smart Growth because it encourages growth in New Jersey where infrastructure and public transit already exist. Wastewater treatment and stormwater infrastructure needed to address improvements in Transit Village areas are eligible.

Studies have shown that an increase in residential housing options within walking distance of a transit facility, typically a one quarter to one half mile radius, does more to increase transit ridership than any other type of development. Therefore, it is a goal of the Transit Village Initiative to bring more housing, more businesses and more people into communities with transit facilities.

Municipalities that have been designated a Transit Village by the inter-agency Transit Village Task Force must have an adopted land-use strategy for achieving compact, transit-supportive, mixed-use development within walking distance of transit facilities. This can be in the form of a redevelopment plan, zoning ordinance, master plan or overlay zone. There are currently 17 designated Transit Villages. They are Pleasantville (1999), Morristown (1999), Rutherford (1999), South Amboy (1999), South Orange (1999), Riverside (2001), Rahway (2002), Metuchen (2003), Belmar (2003), Bloomfield (2003), Bound Brook (2003), Collingswood (2003), Cranford (2003), Matawan (2003), New Brunswick (2005), Journal Square/Jersey City (2005), and Netcong (2005).

**Transfer of Development Rights (TDR) Receiving Areas** - The transfer of development rights is a realty transfer system where development potential in a specified preservation area can be purchased by private investors for use in a targeted growth area. In exchange for a cash payment, landowners in the preservation area place a restrictive easement on the property that will maintain the resource in perpetuity. The land in the designated receiving area can then be developed at a higher density than allowed under the baseline zoning. This process reduces the consumption of our critical resources, while still accommodating growth, and eliminates "windfalls and wipeouts" in property values normally associated with zoning changes. The transfer of development rights is only allowed where a municipality has implemented a TDR program. Sponsors of projects that serve areas designated as TDR Receiving Areas under the State TDR Act (P.L. 2004, c.2), by the Highlands Council, by the Pinelands Commission or by Burlington County pursuant to the Burlington County Transfer of Development Rights Demonstration Act (P.L. 1989, c. 86) are considered Smart Growth. The participating municipality (or municipalities in a regional program) designates sending and receiving areas based on their preservation and growth goals, respectively. Planning and implementation documents are created by the municipality that governs where and how development rights can be transferred. Implementing a transfer of development rights program requires a major planning initiative on the part of the participating municipality. Before any credits can transfer from landowner to developer, certain planning and implementation documents must be adopted. The State TDR Act requires several items including a Development Transfer Plan Element, a Capital Improvement Plan, a Utility Service Plan, Transfer Ordinance, Plan Endorsement and other approvals.

In addition, the Department is broadening the existing smart growth categories to include projects in growth areas that have been endorsed by the State Planning Commission or any development project that is consistent with the Priority Growth Investment Areas contained in the State Strategic Plan. A "Priority Growth Investment Area" means: "an area where more significant development and redevelopment is preferred and where public and private investment to support such development and redevelopment will be prioritized. Areas that meet one or more of the criteria identified in the State

Planning Rules will meet this definition (unless requested to be removed by a municipality on technical grounds) along with areas identified by counties that meet conditions through an application approved by the Commission." See Appendix 4 for complete listing.

For those project types that have the potential to facilitate growth or cause significant adverse environmental impacts, the Department will continue to thoroughly evaluate the planning submitted by the project sponsor. Such evaluation will include, but will not be limited to the water quality/quantity impacts, location in the State, impacts to riparian corridors, the existing pollution control needs, assessment of the resulting environment, detailed assessment of proposed alternatives and cost-effectiveness of the proposal. The Department's funding decisions will take into account the project's growth potential, its location and the project's aggregate impacts as determined through such evaluations.

Collectively, these initiatives will enhance the Department's and the Trust's ability to promote smart growth, support the State Strategic Plan and will also allow the Environmental Infrastructure Financing Program to provide the funds needed to make it a reality.

#### **E. Preaward Approvals and Emergency Projects**

Eligible projects can qualify to receive preaward approvals if the requirements of the rules (N.J.A.C. 7:22-3.32 and 4.32) are met and executed contracts to implement the project have been received by the Department. To obtain preaward approval, project planning (including the issuance and expiration of an Environmental Assessment prepared by the Department) and design and contract documents (including issuance of authorization to advertise and award contracts for which reimbursement is sought) must be reviewed and approved by the Municipal Finance and Construction Element. Further, all permits and approvals for the construction of the project must be secured. It should be noted that federal policy limits the amount of funds the States may withdraw from capitalization grants for "refinancings." Since federal policy defines any costs incurred prior to loan award to be "refinanced," there is a possibility that reimbursement for all preaward costs may not be feasible at the time of loan award.

The Department recognizes that environmental infrastructure emergencies may occur that endanger public health and welfare and can result in substantial environmental damage. Such circumstances require an immediate response for which a complete technical and environmental review in advance of construction is not possible. The Department has developed a process to respond expeditiously when emergencies occur, obtain basic project information, make an eligibility determination and issue a preaward approval so that owners/operators can undertake the needed repairs and maintain eligibility for those expenditures through the EIFP.

Qualifying emergency conditions would be limited to those where failure has occurred or where failure is imminent and unless corrected, will result in substantial pollution of the environment (such as collapse of a wastewater line) and/or substantial curtailment of the functions of the infrastructure.

As indicated in the Priority System section of this document, emergency projects will receive funding priority over all other new projects on the Project Priority List, both for interim as well as long-term financing.

## **F. Socially and Economically Disadvantaged (SED) Business Participation**

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

## **G. Stormwater/Nonpoint Source (NPS) Management Projects**

Because of the need to address water quality concerns related to stormwater runoff, the Department and the Trust have expanded the scope of the Financing Program to include construction costs for a wide variety of stormwater/NPS management projects. If the project will impact the capacity, hydrology, or hydraulics of existing stormwater management facilities, systems, or downstream waterbodies, a watershed-based implementation plan appropriate to the project's location should be prepared. Watershed-based planning assesses the overall needs of an area to ensure that proposed projects will improve/maintain water quality, water quantity and ecosystem health in a cost-effective manner. Watershed-based planning differs from the individual project planning which is site-specific and which is a routine requirement of funding under the EIFP. Although the EIFP does not fund watershed-based planning, the EIFP does provide an allowance for a project's site-specific planning and design. The allowance is based on a percentage of the building costs. Stormwater/NPS management projects must support efforts to achieve and/or maintain water quality, compatible with designated uses of the water body.

Implementation of USEPA's Phase II Municipal Stormwater Program requires municipalities, counties and other public entities to control stormwater discharges from new and existing developments. In New Jersey, the program is being implemented through the issuance of NJPDES general permits. Program implementation requires capital expenditures for equipment acquisition, additional personnel to implement best management practices, and expenses for public education (an innovative component, to change the behavior of people to reduce environmental impacts). Low-cost funding for the equipment procurement and construction of needed facilities is available through the EIFP, and is described in more detail below. In 2004 and 2005, the Department awarded \$6 million each year in grants to municipalities and counties to implement the NJPDES permit requirements. The Department has also provided additional funding for some capital improvement projects that can be combined with CWSRF loans (up to 20% grants and 80% SRF loans).

The stormwater/NPS management projects that are eligible for EIFP loans include both new or modifications of stormwater management systems, facilities, basins, or other stormwater/NPS management facilities (including land acquisition to site the eligible facilities). Stormwater/NPS management projects also include, but are not limited to: green roofs, green streets, tree filters, rain gardens, rain barrels, porous pavement, installation of packed media filters, replacement of existing storm drains with newer designs that incorporate features to remove solids, floatables, oil and grease, and/or other pollutants; purchase or replacement of equipment to reduce solids and/or floatables, such as netting on outfalls and skimmer boats; purchase of maintenance equipment, such as street sweepers, leaf collection equipment, beach cleaning equipment, and aquatic weed harvesters;

rehabilitation of tide gates and existing basins or other stormwater systems, including pump stations; extension and/or stabilization of outfall points; implementation/construction of systems that will result in water quality benefits, such as salt storage structures/runoff control systems, feedlot manure/runoff control systems, and streambank/lake stabilization/restoration projects which are consistent with habitat protection.

**Farmland Preservation** – In the FY2015 Priority System, the Financing Program is highlighting its ability to finance eligible farmland preservation activities. The Department recognizes that farming and farm activities are identified as a nonpoint source of pollution in the State’s Stormwater and NPS Program Plan developed under Section 319 of the Clean Water Act. Through farmland preservation, woodlands, stream corridors, floodplains and wetlands areas located on farms can be permanently protected to filter runoff and reduce nutrient flows into water bodies via a perpetual easement recorded against the farm. Landowners are compensated for these provisions through the purchase of a conservation easement by the county or other local government unit. Other eligible farmland preservation activities - including implementation of agricultural best management practices that help to protect, maintain or improve water quality, such items as livestock fencing, feedlot and manure runoff control systems, can also be implemented in conjunction with farmland preservation.

In FFY2000, the Financing Program added the water quality aspects of landfill closure and new cell construction to the list of eligible NPS projects as described below. In FFY2001, open space land acquisition and conservation, remedial action activities and well sealing were added to the list of eligible NPS projects under the EIFP as described further below:

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

**Open Space Land Acquisition and Conservation** - The EIFP provides loans to municipal and county applicants for the preservation of open space land as a means to provide an overall water quality benefit to the project area. A conservation restriction (easement) is applied, which ensures that the water quality is protected in perpetuity. Passive recreational uses such as hiking, cross-

country skiing, horseback riding and birding are allowed on the portion of the parcels that are purchased with loans from the EIFP. Development is not allowed on the properties that are acquired through the EIFP, since this encourages the use of impervious surfaces and causes land alterations which can adversely affect the hydrology of an area as well as other nonpoint source impacts. Surface runoff can increase and groundwater filtration can decrease. Since most of New Jersey consists of sole source aquifers, which “are those aquifers that contribute more than 50% of the drinking water to a specific area and the water would be impossible to replace if the aquifer were contaminated” (NJ Geological Survey), the protection of these resources is an environmental priority. When the land remains as open space with no development pressures, the water recharge to these vital aquifer systems is maintained. In addition, other environmental resources (i.e., endangered species, wetlands, stream corridors, floodplains, etc.) that may be present will also benefit from the preservation of the open space.

**Remedial Action Activities** - The clean-up of hazardous waste sites and other contaminated sites is critical to preventing further contamination of groundwaters in the State. The water-quality related components of projects for spill cleanups, brownfields restoration and hazardous waste site cleanups are some examples of the activities that are eligible through the Financing Program. Treatment of contaminated groundwater also qualifies for financing if the treated water is returned to the environment. While treatment solely to provide a safe, potable drinking water supply is ineligible for CWSRF financing, it is eligible for DWSRF financing.

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

## **H. Conduit Borrowers/Private Activity**

The Department is also continuing the practice of setting a limit of \$25 million on the amount of Fund monies that any conduit borrower project can receive. 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 Trust loans, the project is considered exempt from the conduit financing classification and corresponding funding limitations. In addition, previously-financed conduit borrowers will not be eligible for supplemental loans from the Department to cover unanticipated cost increases due to bid receipt, differing site conditions, change orders or other circumstances. The Trust may offer loans to cover cost overruns for these projects subject to the limitations of N.J.A.C. 7:22-4 and 5.

## **I. Short-Term and Long-Term Goals; DEP Fee; Miscellaneous Items**

The short-term goal of New Jersey's financing program is to provide funding to needed, high-ranked water quality improvement projects. The long-term goal of the program is to establish and maintain a sound, self-sufficient, self-perpetuating financing program with adequate funds to assist communities with the financial burden of providing costly wastewater treatment and stormwater/nonpoint source management facilities to meet on-going water quality enhancement/preservation needs of the State.

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

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

In accordance with the USEPA Policy on Fees Charged on Assistance Provided Under the SRF Programs, states must disclose information regarding the assessment and use of any fees associated with SRF activities that are passed on to the program participants. In New Jersey, the Department reserves 4% of the annual CWSRF capitalization grant to cover a portion of the administrative costs of administering the program. In addition, the annual legislation for the SFY2006 Program established a "Department Loan Origination Fund" that is administered by the Trust. The program now has a stable fixed fee of 2 percent of the participant's loan amount. There is no SRF funding involved in the Department loan origination fee. The Department's loan origination fee is not included in the principal amount of the CWSRF loan and is separately accounted for.

The Trust's loan is issued at the same market interest rate as the Trust obtains from the sale of its bonds. Rather than bonding for all of the eligible closing costs associated with each financing, the Trust charges the borrowers a one-time surcharge of up to 0.4% of the principal Trust loan amount to partially cover the costs associated with that particular year's bond sale. These issuance costs include such activities as: bond counsel, financial advisor, rating agencies, printing and publishing of the Notice of Sale, the Preliminary Official Statement, the Official Statement, and other costs related to the Trust's bond sale. In addition, the Trust charges an annual administrative fee of up to 0.3% of the Trust's bond principal loan amount to cover the balance of the closing cost and the annual operating expenses associated with the operations of the Trust and the on-going costs associated with the Loan Servicer and Trustees. The Trust Annual Fee is not included in the principal amount of the loan. The annual fees collected by the trust are held in an account outside of the SRF. In SFY2017, the Trust anticipates collecting administrative fees associated with the CWSRF and DWSRF programs of approximately \$4-6 million.

The FFY2016 Priority System continues the reporting process introduced in 2005 to show how the CWSRF impacts compliance, water quality and designated uses and a form that captures the reach of the CWSRF in terms of subsidy, population affected and volume of wastewater treated. The Department and the project sponsors will complete the "CWSRF Benefits Reporting Form" and the Department will submit this information to USEPA.

<b>2017 Financing Program Schedule for Clean Water Projects</b>	
<b>Date</b>	<b>Action</b>

As soon as possible	Prospective applicants attend a preapplication meeting with Department – MF&CE representatives.
September 23, 2015	Public hearing on Proposed FFY2016 PS document.
September 30, 2015	Close of Comment Period.
October 9, 2015	Deadline for 2017 applicants to submit commitment letter, all planning documents (i.e., project reports) to Department, including final NJPDES permit (as applicable)
(on or before) January 15, 2016	Department/Trust submits list of projects (based on Priority System ranking methodology) to Legislature for forthcoming State Fiscal Year.
March 4, 2016	Deadline for all 2017 applicants to submit design and complete loan application; Deadline for Track II applicants to submit commitment letter, all planning documents (i.e., project reports).
May 2016	Financial Plan for State Fiscal Year 2017 submitted by Department/Trust to Legislature.
July 2016	Legislature acts on Financial Plan.

## **APPENDIX 1: 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 EIFP. The applicant must also submit all the required application material in a timely manner.

The Priority List identifies the estimated total eligible building costs under the appropriate project category. Except for open space land acquisition projects, the figure under the "Total Eligible Project Cost" includes the estimated total eligible building costs, the related costs for construction services (i.e., administrative, legal, engineering, inspection, one year start-up services, etc.), the allowance for planning and/or design, three percent for the recipient's administrative costs, and a five percent contingency cost. The figure under the "Total State Amount" column represents 100 percent of the estimated total eligible project costs. Project scope changes and related cost updates submitted by project sponsors in response to the public participation process will be included on the final FFY2016 List.

Any significant revisions to the Priority List during the fiscal year will be subject to a public participation process, including a 30-day comment period. The Department does not, however, consider the following revisions to the Priority List to be significant:

1. Bypassing (i.e., deferring the funding of) a project to a future fiscal year if all requirements (including commitment to and compliance with the project document submittal schedule) of the CWSRF are not satisfied on schedule.
2. Increases or decreases in allowable project costs that may change the fundable range of the Priority List.
3. The addition of a project or projects to the fundable range as a result of their qualifying under the emergency project criteria.
4. The revision of the fundable range of the Priority List as a result of a change in (1) the allocation that New Jersey receives, (2) the State's contribution to the CWSRF, and/or (3) the total amount of monies made available for clean water projects from the EIFP.
5. The revision of the fundable range of the Priority List as a result of ensuring the proper dollar amount is obligated to the set asides and reserves identified herein, including appropriate uses for green project categories (if requirements are included under the CWA's reauthorization or CWSRF appropriation).
6. The replacement of a project sponsor identified on the Project Priority List with another eligible project sponsor that willingly assumes the role of loan applicant for the project.

### **II. Ranking Methodology**

The Department 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 combined sewer overflows (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 impair water uses, and can lead to the closing of beaches and shellfish beds. Lower-ranked projects can also qualify for financing since projects are certified/approved based on the project's rank, the amount of available funds, and compliance with the Program's requirements and deadlines for planning, design and application submittal.

In addition, the FFY16 Priority System broadens the existing smart growth categories to include projects in growth areas that have been endorsed by the State Planning Commission or any development project that is consistent with the "Garden State Values" contained in the State Strategic Plan. This provision is being added to maximize the program's ability to move forward and promote the goals and objectives included in the State Strategic Plan before it is finalized.

The Department encourages project sponsors that do not have an existing Asset Management Plan to develop and implement one. Asset management is actively managing infrastructure capital assets to minimize the total cost of owning and operating them, while delivering the service levels customer's desire. Each utility is responsible for making sure that its system stays in good working order-regardless of the age of components or the availability of additional funds. Asset management programs with long-range planning, life-cycle costing, proactive operations and maintenance, and capital replacement plans based on cost-benefit analyses can be the most efficient method of meeting this challenge.

The Department's Vision Statement and Priorities List provide a strategic foundation for structural changes and include objectives to implement projects that will help to protect, maintain and improve water quality in and around the Barnegat Bay while 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 FFY16 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 also 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.

In addition to Barnegat Bay projects, projects receive points under five categories. These are (1) Local Environmental Enhancement Planning Activities, (2) Project Discharge Category, (3) Water Use/Water Quality, (4) Smart Growth Approvals, and (5) Population.

#### A. Local Environmental Enhancement 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 following environmental enhancement planning strategies.

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 generations of tomorrow 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.

The FFY2016 Priority System reflects the Department's priorities to encourage sustainable growth in communities by incorporating consistent criteria for the protection of natural resources and implementation of smart growth and green design principles.

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.

<b>Table IA. Ranking Points Related to Project Discharge Category For Wastewater Treatment Facilities</b>		
<b>Project Discharge Category</b>	<b>Description</b>	<b>Points</b>
Combined Sewer Overflow (CSO) & Sanitary Sewer Overflow (SSO)	This category includes projects that involve 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. Also included are projects that implement corrective measures to fix overloaded conveyance systems that experience chronic overflows.	600
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. This category also includes the purchase and installation of security and energy efficiency measures at the STP.	500
Sanitary Sewer System Rehabilitation	This category includes a 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	Included in this category are projects involving the construction of facilities to manage sludge from STPs or from potable water treatment activities, such as the installation of dewatering equipment, or the implementation of land application or composting activities. Also included in this category of projects are improvements or repairs to sludge incinerators.	350
Wastewater Reuse	Wastewater reuse includes 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. This category includes the	300

	construction of conveyance and distribution systems to allow for reuse activities.	
Septic System Repair/Replacement	Under this category are projects that involve repairs, improvements, and/or replacement of individual or small community, on-site septic systems.	275
New Systems	This category includes projects that involve the expansion of a STPs' treatment capacity, and the construction of new facilities to provide collection, conveyance or treatment of sanitary sewage.	250

In addition to the point assignments above, 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. Green infrastructure includes such practices as replacing existing pavement with porous pavement, bioretention, green roofs, blue roofs and other practices that mimic natural hydrology and reduce effective imperviousness. Water and energy efficiency activities that can qualify for the additional points include the installation of digester or landfill gas recovery/reuse systems, photovoltaic cells, wind turbines, wastewater reuse, etc. Projects that are a mix of traditional and green technologies are only assigned the points if the green components represent a significant amount of the overall project activities.

<b>Table IB. Ranking Points Related to Project Categories for Stormwater and Nonpoint Source Pollution Management Facilities</b>		
<b>Project Category</b>	<b>Description</b>	<b>Points</b>
Stormwater Management and Other NPS activities	This category includes 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). Also included in this category are projects that stabilize streambanks, restore lakes or address runoff from salt storage facilities and the implementation of measures to address pollution concerns from agricultural cropland activities and manure runoff management and feedlot operations.	225
Landfill Closure, Open Space Land Acquisition and Conservation and Well Sealing	Included in this category is 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. The category also includes open space land acquisition and conservation projects that help to protect or maintain water quality.	150
Landfill Construction and Remedial Action Activities	This category includes the construction of facilities to collect, convey and/or treat leachate and runoff	75

	from new publicly-owned landfill cells or from publicly-owned contaminated sites.	
Projects sponsored by Conduit Borrowers/ Private Activity	This category generally includes environmental infrastructure projects where a developer, LLC, partnership or other private party is involved in the project. Also included in this category are 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 Trust 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.

<b>Table II. Ranking Points Related to Water Use (Existing and Potential)</b>			
<b>Water Use</b>		<b>Basis/Description</b>	<b>Points</b>
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 <i>N.J.A.C. 7:12</i> .	125
	Trout	State freshwater bodies designated for trout production or maintenance by the NJ Water Quality Standards ( <i>N.J.A.C. 7:9B</i> ).	75
	Non-trout	State freshwater classifications not designated trout production or maintenance by <i>N.J.A.C. 7:9B</i> (see Trout description above), including all Delaware River freshwater zones above mile-point 85 as defined by the Delaware River Basin Commission.	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. Dissolved oxygen and fecal coliform have the highest points because of their immediate and direct impact on the fishable/swimmable water use, coupled with the fact that inadequate municipal treatment facilities can be a major cause of contravening water quality standards.

Nutrients reflect the presence of phosphorus/phosphates and nitrates/nitrites in a water body. Excessive nutrient levels in freshwater streams and lakes may result in impacts on water uses, including algal blooms; depleted oxygen levels; odor, taste and increased treatment costs for purveyors; impacts on aquatic populations, and esthetic concerns. 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 also 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.

<b>Table III. Ranking Points Related to Water Quality</b>				
<b>Water Quality</b>		<b>Points for Water Quality that</b>		
		<b>Meet</b>	<b>Marginally Meet</b>	<b>Do Not Meet</b>
		<b>The Water Quality Standard*</b>		
<b>Parameter</b>	Dissolved Oxygen	0	50	100
	Fecal Coliform	0	50	100
<b>Parameter</b>	Nutrients	0	25	50
<b>Category</b>	Toxics	0	25	50

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

#### D. Smart Growth Approvals

The Department seeks to coordinate and enhance the efforts to encourage smart growth through the implementation of the State Development and Redevelopment Plan. The Department 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 NJ Department of State at (609) 292-7156.

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

In addition, projects located in or benefiting areas designated as Brownfield Development Areas, TDR receiving areas or Transit Villages also 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 also assigned points based on the population of the area served by the project. One point is given for every million people living in the project area on a year-round basis. Thus, if projects have the same number of ranking points after having received all eligible points, population points become the tiebreaker, with higher priority given to the project serving the higher population.

#### F. Emergency Repair Projects

The Department recognizes that environmental infrastructure emergencies may occur that endanger public health and welfare and can result in substantial environmental damage. Such circumstances require an immediate response for which a complete technical and environmental review in advance of construction to address the emergency situation is not necessary or feasible. The Department has developed a process to respond expeditiously when emergencies occur, obtain basic project information, make an eligibility determination and issue a preaward approval so that owners/operators can expeditiously undertake the needed repairs and maintain eligibility for those expenditures through the EIFP.

## **APPENDIX 2: CWSRF 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 more;
- County-wide unemployment of 5% or lower; and
- Population trend of 2% or higher.

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);<sup>10</sup>
- 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.

In New Jersey, additional subsidization through principal forgiveness loans is allocated to implement a process, technique or technology that mitigates stormwater runoff. In the case of the CSO reserve, projects that implement green technologies to reduce runoff are only eligible for PFLs and, in the case of the Barnegat Bay reserve, only stormwater runoff mitigation projects qualify for PFLs.

NOTE: MHI (2009-2013) and Population Trend Data (percent change - April 1, 2010 to July 1, 2014) is from <http://quickfacts.census.gov/qfd/states/34000.html> . County Unemployment data is from [http://lwd.dol.state.nj.us/labor/lpa/content/maps/laus\\_month.pdf](http://lwd.dol.state.nj.us/labor/lpa/content/maps/laus_month.pdf) .

### APPENDIX 3: CWSRF Term Financing Criteria



New Jersey  
Department of  
Environmental Protection

#### NOTICE OF CERTAIN CHANGES IN THE NJ ENVIRONMENTAL INFRASTRUCTURE FINANCING PROGRAM

As we embark on the SFY2017 NJ Environmental Infrastructure Financing Program (“NJEIFP” or “Financing Program”), this is to advise that consistent with recent years, long-term loan financing is anticipated to occur in May 2016 – for Borrowers meeting certain conditions subsequent to bond sale.

As the Financing Program has progressed in recent years in an attempt to make itself more borrower-centric, a number of changes have been incorporated to address Borrower specific concerns and to make the Financing Program easier to utilize, particularly with respect to timing. In conjunction with this philosophy, earlier this year, the NJEIFP launched the Construction Loan Program, which offers short-term financing to all borrowers through the entire construction phase of their projects, up to 3 full fiscal years. When fully implemented, projects will receive long-term financing only upon completion of all construction activities.

During this transition year, as the NJEIT is expecting to refinance a portion of its outstanding bond Series in early November 2015, *certain projects, which have begun construction by that date, will be offered the opportunity to secure long-term financing at the same time if they desire.*

#### November, 2015 Term Financing:

Specifically, to receive long-term financing in November of 2015, a project must:

- (i) Incur a minimum of 10% of Construction Costs as evidenced through requisitions (inclusive of backup invoices) delivered to the NJEIFP on or before October 9, 2015, and
- (ii) Comply with other standard NJEIFP requirements.

Please note that “Construction Costs” refer to building costs and not planning and design or administrative costs. As such, “soft” costs are not considered in assessing compliance with the Construction Cost threshold requirement.

May, 2016 Term Financing:

Projects which incur Construction Costs in excess of 10% subsequent to October 9, 2015, will be afforded the opportunity to receive long-term financing in May of 2016 provided such projects:

- (i) Incur a minimum of 35% of Construction Costs, defined above, as evidenced through requisitions (inclusive of backup invoices) received by the NJEIFP on or before March 4, 2016, and
- (ii) Comply with other standard NJEIFP requirements.

Although the above approach marks a departure from prior practice, it is anticipated that offering Construction Loans and tying the long-term roll-over of these loans to project completion provides greater certainty of long-term funding eligibility as borrowers, working with their professional advisors, are now in control of their own financing timetables and can more accurately assess their construction schedule prior to proceeding with the formal actions necessary to secure long-term financing (e.g., Local Form and Sale resolutions, etc.).

Please contact (609) 219-8600 with any questions.

**New Jersey Department of Environmental Protection  
New Jersey Environmental Infrastructure Trust**

## **APPENDIX 4: 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. Municipally Designated "Areas in Need of Redevelopment" or "Areas in Need of Rehabilitation"
6. Approved "Foreign Trade Zones"
7. Land within Higher Education Campuses suitable for development / redevelopment
8. NJDOT Certified Transit Villages
9. "Urban Transit Hubs" as defined by EDA's Urban Transit Hub Tax Credit Program
10. Land owned by the New Jersey Sports and Exposition Authority
11. Commission approved requests for additions 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 also recognized as Priority Growth Investment Areas:

#### *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 Water Protection and Planning 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

## ATTACHMENT 1: Projects Eligible under the DRAA

### Clean Water SRF List of Eligible Projects

**If a project is not specifically listed below, an explanation of how the project addresses the purposes outlined in Section IV.2.d. of the Guidance must be included.**

#### **I. Projects that prevent interruption of collection system operation in the event of a flood or natural disaster, including but not limited to:**

- a. Physical “hardening” or waterproofing of pumps and electrical equipment at pump stations and other components of collection systems (including storage facilities and associated equipment) through upgrade or replacement, including:
  - Installation of submersible pumps
  - Waterproofing electrical components (e.g. pump motors)
  - Waterproofing circuitry
  - Dry floodproofing/sealing of structure to prevent floodwater penetration
  - Installation/construction of wind resistant features (e.g. wind resistant roofing materials, wind-damage resistant windows, storm shutters)
- b. Relocation of pump stations or other collection system facilities to less flood prone areas
- c. Installation of physical barriers around pump stations or other collection system facilities (e.g. levies or dykes)
- d. Installation of back-up generators or alternative energy sources (including switch boxes) that service pump stations or other collection system facilities
- e. Correction of significant infiltration and inflow problems that increase the likelihood of sewer backups or flooding of a treatment works
- f. Separation of combined sewers that will result in a reduced risk of flooding of the collections system and/or treatment works
- g. Installation/construction of redundant collection system components and equipment
- h. Regionalization project that enables diversion of wastewater flows to an alternate system for emergency wastewater collection and treatment services
- i. SCADA system projects to allow remote or multiple system operation locations
- j. Replacement of damaged equipment with more energy efficient equipment
- k. Construction or installation of flood attenuation, diversion, and retention infrastructure within or beyond the boundaries of a treatment works that protects the collection system
  - Green infrastructure that reduces flood risk by reducing stormwater runoff, including permeable pavement, green roofs and walls, bioretention infrastructure (e.g. constructed wetlands, detention basins, riparian buffers, or stormwater tree trenches/pits/boxes), stream daylighting, and downspout disconnection
  - Natural systems, and features thereof, capable of mitigating a storm surge, such as barrier beach and dune systems, tidal wetlands, living shorelines, and natural berms/levees
  - Floodwater pumping systems
  - Flood water channels/culverts, physical barriers, and retention infrastructure

## **II. Projects that prevent floodwaters from entering a treatment works, including but not limited to:**

- a. Installation of physical barriers around a facility (e.g. levies or dykes around the facility to prevent flooding)
- b. Relocation of facilities to less flood prone areas
- c. Construction or installation of flood attenuation, diversion, and retention infrastructure within or beyond the boundaries of a treatment works that protects the treatment works
  - Green infrastructure that reduces the risk of flooding by reducing stormwater runoff, including permeable pavement, green roofs and walls, bioretention infrastructure (e.g. constructed wetlands, detention basins, riparian buffers, or stormwater tree trenches/pits/boxes), stream daylighting, and downspout disconnection
  - Natural systems, and features thereof, capable of mitigating a storm surge, such as barrier beach and dune systems, tidal wetlands, living shorelines, and natural berms/levees
  - Floodwater pumping systems
  - Flood water channels/culverts, physical barriers, and retention infrastructure

## **III. Projects that maintain the operation of a treatment works and the integrity of the treatment train in the event of a flood or natural disaster, including but not limited to:**

- a. Physical “hardening” or waterproofing of pumps and electrical equipment at treatment works through upgrade or replacement, including:
  - Installation of submersible pumps
  - Waterproofing electrical components (e.g. pump motors)
  - Waterproofing circuitry
  - Dry floodproofing/sealing of structure to prevent floodwater penetration
  - Installation/construction of wind resistant features (e.g. wind resistant roofing materials, wind-damage resistant windows, storm shutters)
- b. Relocation of critical equipment to less flood prone areas of a facility and/or elevation of critical structures
- c. Installation of physical barriers around individual treatment processes
  - Flood walls around treatment tanks
  - Elevated walls or capping of treatment tanks
- d. Installation of larger capacity storage tanks
  - Installation of larger capacity chemical storage tanks for continued treatment in absence of delivery service
  - Installation of larger capacity fuel storage tanks for back-up generators
  - Construction of storage tanks at treatment works to store overflows for future treatment
- e. Installation of back-up energy supply or alternative energy sources and/or hardening of existing connections to the power grid
- f. Installation/construction of redundant components and equipment
- g. Replacement of damaged equipment with more energy efficient equipment
- h. SCADA system projects to allow remote or multiple system operation locations

**IV. Projects that preserve and protect treatment works equipment in the event of a flood or natural disaster, including but not limited to:**

- a. Relocation of critical equipment to less flood prone areas of a facility and/or elevation of critical structures
- b. Prevention of saltwater damage to materials and equipment
  - Installation of salt water resistant chemical storage tanks
  - Installation of salt water resistant fuel storage tanks
  - Installation of salt water resistant equipment and appurtenances

**V. Planning projects that assess a treatment works' vulnerability to flood damage or that analyze the best approach to integrate system and community sustainability/resiliency priorities in the face of a variety of uncertain futures including natural disasters and more frequent and intense extreme weather events, provided the planning work is reasonably expected to result in a capital project, including but not limited to:**

- a. Risk/vulnerability assessments considering recent floodplain maps and projected sea level rise
- b. Alternatives analysis
- c. Asset Management Plans, Emergency Preparedness, Response, and Recovery Plans

# **RESPONSE DOCUMENT FOR THE FFY2016 PRIORITY SYSTEM, INTENDED USE PLAN AND PROJECT PRIORITY LIST**

## **(CLEAN WATER FINANCING)**

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 (CWSRF) Program. In New Jersey, the CWSRF is a component of the Environmental Infrastructure Financing Program (EIFP) that provides financing for a wide variety of 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 FFY2016 Proposed Priority System, Intended Use Plan and Project Priority List issued in August 2015.

### Public Participation Processes

On August 28, 2015 the New Jersey Department of Environmental Protection (Department) issued a notice regarding the availability of the FFY2016 Proposal document to the standard list of approximately 1,200 potential applicants and other interested parties to seek public input. On September 22, 2015, the Department held the public hearing at the offices of the New Jersey Environmental Infrastructure Trust located in Lawrence Township, New Jersey. One individual attended the hearing, but provided no testimony. Transcripts of the September 30 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 MF&CE's offices in Trenton.

Two written comments were received prior to the September 30, 2015 close of comment period. The written comments, submitted in accordance with the deadlines, have been considered in the preparation of the Final FFY2015 IUP. The written comments were received on September 28, 2015 from the Borough of Roosevelt and the b Urban Water Solutions Initiative.

## SUMMARY OF PUBLIC ISSUES AND RESPONSES

### COMMENT

The Borough of Roosevelt noted that there is a set-aside for small systems serving less than 10,000 people, and for very small systems, serving less than 500 people, but no parallel provision on the clean water side. Also, the drinking water IUP provides for engineering services for small systems, and there is no similar provision under the clean water IUP. Roosevelt would like to see similar set-asides for small clean water systems.

### RESPONSE

The Safe Drinking Water Act tries to ensure that resources go where they are most needed. Congress has prioritized small systems since they pose a higher risk for contaminated drinking water. Under the Safe Drinking Water Act small systems are prioritized second only to emergency projects that pose a direct public health hazard. Small systems comprise 97% of the nation's public water systems and face unique financial and operational challenges in consistently providing drinking water that meets EPA standards and requirements. The Safe Drinking Water Act requires States to provide a minimum of 15 percent of the funds available for loan assistance to small systems. Many of the set-asides also focus on the needs of small systems. By enhancing the capabilities of small systems, States can promote greater long-term compliance with national primary drinking water regulations and thereby ensure greater protection of public health.

The Clean Water Act does not make provisions for set-asides for small systems or technical assistance in the Clean Water State Revolving Funds, though there have been provisions by congress to provide principal forgiveness under Clean Water State Revolving Funds. New Jersey has made principal forgiveness available to remediate the sources that pose the highest threat to the state's waters. Combined sewer overflows in large urban areas release raw sewage directly into waterways posing serious health concerns. Likewise, uncontrolled stormwater runoff along New Jersey's coast has seriously compromised fragile ecosystems.

Unlike drinking water, the clean water program can only provide funds to public systems. Small public sewer systems are not as common as small drinking water systems since they are not cost effective. Advanced treatment is too costly for a limited user base and in many cases smaller systems are encouraged to connect to larger regional plants with advanced treatment. Prioritizing money to larger systems with larger populations has more of an environmental impact.

### COMMENT

New Jersey Future as a member of the Urban Water Solutions Initiative wrote to commend the Program for supporting communities with combined sewer overflow permits. New Jersey Future specifically named three initiatives that will help cities meet new regulatory requirements for combined sewers:

100% interest-free financing to help CSO permittees develop long-term control plans for the CSO sewershed;

100% interest-free financing to communities in a CSO sewershed sponsoring construction projects that reduce or eliminate excessive infiltration/inflow or extraneous flows;

Reserving 50% of available principal forgiveness funds for CSO abatement projects utilizing green practices.

New Jersey Future writes: “In conclusion, we commend the NJEIFP for proposing a comprehensive set of financing programs for CSO communities and we urge their adoption. These tools will help ensure CSO permittees have the resources they need to effectively meet clean water requirements and also strengthen their host communities.”

### **EPA DISCLAIMER**

Although the information in this document has been funded wholly or in part by the United States Environmental Protection Agency under a federal assistance agreement to the State of New Jersey, it may not necessarily reflect the views of the Agency and no official endorsement should be inferred.

**STATE OF NEW JERSEY**  
**FINAL FEDERAL FISCAL YEAR 2016 PROJECT PRIORITY LIST**

Rank	Loan/Seq No. Recipient	Eligible Category Cost Breakdown (Total Building Costs)							Total eligible project costs	Total State Amount	Est St Cert Date
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
1	S340640-19 Camden County Municipal Utilities Authority	-	-	-	-	\$8,000,000	-	-	\$10,690,000	\$10,690,000	BEYOND25
2	S340640-17 Camden County Municipal Utilities Authority	-	-	-	-	\$5,000,000	-	-	\$6,614,815	\$6,614,815	BEYOND25
3	S340640-15 Camden County Municipal Utilities Authority	-	-	-	-	\$5,000,000	-	-	\$6,614,815	\$6,614,815	BEYOND25
4	S340547-14 Rahway Valley Sewerage Authority	-	\$7,250,000	-	-	-	-	-	\$9,460,275	\$9,460,275	BEYOND25
4	S340547-13 Rahway Valley Sewerage Authority	\$7,750,000	-	-	-	-	-	-	\$10,104,841	\$10,104,841	BEYOND25
4	S340547-16 Rahway Valley Sewerage Authority	-	\$850,000	-	-	-	-	-	\$1,191,434	\$1,191,434	BEYOND25
7	S340547-15 Rahway Valley Sewerage Authority	-	\$1,500,000	-	-	-	-	-	\$2,588,518	\$2,588,518	T 160831
8	S340781-04 Raritan Borough	-	-	\$250,000	-	-	-	-	\$360,245	\$360,245	BEYOND25
9	S340815-27 Newark City	-	-	-	-	-	\$2,727,882	-	\$3,273,457	\$3,273,457	T 160831
9	S340815-25 Newark City	-	-	-	-	-	-	\$270,000	\$388,383	\$388,383	BEYOND25
11	S340810-03 Lower Township Municipal Utilities Authority	-	\$2,333,000	-	-	-	-	-	\$3,135,057	\$3,135,057	BEYOND25
12	S340418-03 Oakland Borough	-	-	-	\$21,760,000	-	-	-	\$36,522,885	\$36,522,885	BEYOND25
13	S340640-16 Camden County Municipal Utilities Authority	\$10,000,000	-	-	-	-	-	-	\$13,000,360	\$13,000,360	BEYOND25
14	S340495-03 Sparta Township	-	\$637,000	-	-	-	-	-	\$2,853,484	\$2,853,484	BEYOND25
15	S340964-01 Warren Township Sewer Authority	\$2,183,330	-	-	-	-	-	-	\$2,949,113	\$2,949,113	BEYOND25
15	S340964-01-1 Warren Township Sewer Authority	\$92,593	-	-	-	-	-	-	\$100,000	\$100,000	BEYOND25
17	S340815-22 Newark City	-	-	-	-	\$3,400,000	-	-	\$4,522,375	\$4,522,375	BEYOND25
17	S340815-24 Newark City	-	-	\$15,000,000	-	-	-	-	\$19,257,315	\$19,257,315	BEYOND25
17	S340815-26 Newark City	-	-	-	-	\$2,244,000	-	-	\$3,092,080	\$3,092,080	T 160831
18	S340366-07 Camden City	-	-	\$5,000,000	-	-	-	-	\$6,614,815	\$6,614,815	BEYOND25
20	S340366-10 Camden City	-	-	-	-	\$500,000	-	-	\$708,917	\$708,917	BEYOND25
20	S340366-03 Camden City	-	-	\$7,949,000	-	-	-	-	\$10,361,096	\$10,361,096	BEYOND25

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

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

Cat 3 - Sewer System Rehabilitation  
Cat 6 - Stormwater Management

20	S340366-06 Camden City	-	-	-	-	\$46,353,337	-	-	\$58,648,610	\$58,648,610 BEYOND25
23	S340366-12 Camden City	-	-	-	-	\$1,500,000	-	-	\$2,120,000	\$2,120,000 T 160831
23	S340366-07 Camden City	-	-	\$45,000,000	-	-	-	-	\$58,844,815	\$58,844,815 T 160831
25	S340942-19 Elizabeth City	-	-	-	-	\$2,764,500	-	-	\$3,688,239	\$3,688,239 BEYOND25
26	S340699-15 Middlesex County Utilities Authority	\$22,895,000	-	-	-	-	-	-	\$29,194,275	\$29,194,275 BEYOND25
27	S340640-18 Camden County Municipal Utilities Authority	\$40,000,000	-	-	-	-	-	-	\$50,664,200	\$50,664,200 BEYOND25
28	S340699-03 Middlesex County Utilities Authority	\$285,613,000	-	-	-	-	-	-	\$363,247,172	\$363,247,172 BEYOND25
29	S340652-14 North Bergen Municipal Utilities Authority	-	-	-	-	\$12,212,500	-	-	\$16,657,750	\$16,657,750 T 160831
30	S340652-12 North Bergen Municipal Utilities Authority	-	-	-	-	\$2,500,000	-	-	\$3,340,073	\$3,340,073 BEYOND25
31	S340635-08 Hoboken City	-	-	-	-	\$5,000,000	-	-	\$6,600,000	\$6,600,000 T 160831
32	S340385-05 Berkeley Heights Township	\$1,443,400	-	-	-	-	-	-	\$1,973,289	\$1,973,289 BEYOND25
33	S340488-05 Hopatcong Borough	-	-	-	\$13,400,000	-	-	-	\$17,222,998	\$17,222,998 BEYOND25
34	S340349-03 Pennsauken Township	-	-	-	-	-	\$2,600,000	-	\$5,308,104	\$5,308,104 BEYOND25
35	S340928-14 Jersey City Municipal Utilities Authority	-	-	-	-	\$1,680,000	-	-	\$2,290,548	\$2,290,548 BEYOND25
35	S340928-17 Jersey City Municipal Utilities Authority	-	-	-	-	\$1,000,000	-	-	\$1,396,910	\$1,396,910 BEYOND25
35	S340928-20 Jersey City Municipal Utilities Authority	-	-	-	-	\$4,805,900	-	-	\$6,361,818	\$6,361,818 BEYOND25
35	S340928-13 Jersey City Municipal Utilities Authority	-	-	-	-	\$7,491,000	-	-	\$9,771,083	\$9,771,083 BEYOND25
35	S340928-18 Jersey City Municipal Utilities Authority	-	-	-	-	\$4,000,000	-	-	\$5,308,104	\$5,308,104 BEYOND25
35	S340928-15 Jersey City Municipal Utilities Authority	-	-	\$30,304,200	-	-	-	-	\$38,467,004	\$38,467,004 BEYOND25
35	S340928-19 Jersey City Municipal Utilities Authority	-	-	-	-	\$5,000,000	-	-	\$6,614,815	\$6,614,815 BEYOND25
35	S340928-16 Jersey City Municipal Utilities Authority	-	-	\$6,883,536	-	-	-	-	\$8,987,500	\$8,987,500 BEYOND25
43	S340928-03 Jersey City Municipal Utilities Authority	-	-	-	-	\$37,122,000	-	-	\$47,046,859	\$47,046,859 BEYOND25
43	S340928-07 Jersey City Municipal Utilities Authority	-	-	-	-	\$2,504,000	-	-	\$3,345,345	\$3,345,345 BEYOND25
43	S340928-04 Jersey City Municipal Utilities Authority	-	-	-	-	\$1,790,000	-	-	\$2,437,780	\$2,437,780 BEYOND25
46	S340942-18 Elizabeth City	-	-	-	-	\$3,324,500	-	-	\$4,423,429	\$4,423,429 BEYOND25

Cat 1 - Secondary/Sludge/Septage Treatment  
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Cat 2 - Advanced Treatment  
Cat 5 - Correction of Combined Sewer Overflows

Cat 3 - Sewer System Rehabilitation  
Cat 6 - Stormwater Management

46	S340942-17 Elizabeth City	-	-	-	-	\$4,000,000	-	-	\$5,308,104	\$5,308,104 BEYOND25
46	S340942-13 Elizabeth City	-	-	-	-	\$9,500,000	-	-	\$12,357,700	\$12,357,700 T 170831
46	S340942-15 Elizabeth City	-	-	-	-	\$1,100,000	-	-	\$1,522,661	\$1,522,661 BEYOND25
46	S345070-01 Elizabeth City	-	-	-	-	\$1	-	-	\$4,000,001	\$4,000,001 T 160831
51	S340640-13 Camden County Municipal Utilities Authority	\$4,000,000	-	-	-	-	-	-	\$5,308,104	\$5,308,104 BEYOND25
52	S340399-27 Bayonne Municipal Utilities Authority	-	-	-	\$3,000,000	-	-	-	\$3,997,392	\$3,997,392 BEYOND25
52	S340399-26 Bayonne Municipal Utilities Authority	-	-	-	-	\$4,100,000	-	-	\$5,439,141	\$5,439,141 BEYOND25
54	S340259-11 Kearny Town	-	-	-	-	-	\$6,520,000	-	\$8,518,521	\$8,518,521 BEYOND25
54	S340259-10 Kearny Town	-	-	\$2,666,000	-	-	-	-	\$3,558,698	\$3,558,698 BEYOND25
54	S340259-06 Kearny Municipal Utilities Authority	-	-	-	\$4,000,000	-	-	-	\$5,308,104	\$5,308,104 BEYOND25
57	S340688-04 Ridgefield Park Village	-	-	-	-	\$13,000,000	-	-	\$16,713,680	\$16,713,680 BEYOND25
58	S345230-01 Ridgefield Park Village	-	-	-	-	\$1	-	-	\$800,001	\$800,001 T 160831
59	S340854-02 Guttenberg Town	-	-	-	-	\$280,000	-	-	\$402,413	\$402,413 BEYOND25
60	S340463-06 Medford Lakes Borough	-	\$3,105,000	-	-	-	-	-	\$4,135,382	\$4,135,382 BEYOND25
61	S345210-01 Paterson City	-	-	-	-	-	-	-	\$100,000	\$100,000 T 160831
62	S340747-05 Jefferson Township	-	-	-	\$14,922,000	-	-	-	\$19,158,252	\$19,158,252 BEYOND25
63	S340453-03 Warren County	-	-	-	\$911,000	-	-	-	\$2,607,692	\$2,607,692 BEYOND25
64	S340372-56 Ocean County Utilities Authority	\$4,700,000	-	-	-	-	-	-	\$6,223,655	\$6,223,655 BEYOND25
65	S340697-05 Bayshore Regional Sewer Authority	\$45,894,147	-	-	-	-	-	-	\$58,072,111	\$58,072,111 BEYOND25
65	S340697-06 Bayshore Regional Sewer Authority	\$6,054,000	-	-	-	-	-	-	\$7,916,433	\$7,916,433 BEYOND25
67	S340809-25 Atlantic County Utilities Authority	\$10,521,250	-	-	-	-	-	-	\$13,641,136	\$13,641,136 BEYOND25
67	S340809-26 Atlantic County Utilities Authority	\$10,359,637	-	-	-	-	-	-	\$13,442,855	\$13,442,855 BEYOND25
67	S340809-23 Atlantic County Utilities Authority	\$6,591,000	-	-	-	-	-	-	\$8,610,164	\$8,610,164 BEYOND25
67	S340809-27 Atlantic County Utilities Authority	\$2,300,000	-	-	-	-	-	-	\$3,094,238	\$3,094,238 BEYOND25
71	S340399-09 Hudson County Improvement Authority	-	-	-	-	\$10,846,000	-	-	\$14,038,507	\$14,038,507 BEYOND25

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72	S340117-07 Two Rivers Water Reclamation Authority	\$2,638,300	-	-	-	-	-	-	\$3,612,556	\$3,612,556 T 160831
73	S340117-02 Two Rivers Water Reclamation Authority	\$5,928,999	-	-	-	-	-	-	\$7,760,140	\$7,760,140 BEYOND25
74	S340097-04 Middletown Township Sewer Authority	\$15,454,000	-	-	-	-	-	-	\$19,834,947	\$19,834,947 BEYOND25
75	S340299-04 Linden Roselle Sewer Authority	-	-	-	-	\$5,044,000	-	-	\$12,027,071	\$12,027,071 BEYOND25
76	S340635-07 Hoboken City	-	-	-	-	\$1,050,000	-	-	\$1,460,102	\$1,460,102 BEYOND25
76	S340635-05 Hoboken City	-	-	-	-	-	\$3,200,000	-	\$4,260,119	\$4,260,119 BEYOND25
76	S340635-04 Hoboken City	-	-	-	-	-	\$11,825,105	-	\$15,227,976	\$15,227,976 BEYOND25
76	S340635-06 Hoboken City	-	-	-	-	\$20,000,000	-	-	\$25,607,620	\$25,607,620 BEYOND25
80	S340399-20 North Bergen Municipal Utilities Authority	-	\$30,000,000	-	-	-	-	-	\$38,083,680	\$38,083,680 BEYOND25
81	S340639-05 Ridgewood Village	-	-	-	\$1,520,000	-	-	-	\$2,075,987	\$2,075,987 BEYOND25
82	S340847-04 Cliffside Park Borough	-	-	-	-	\$2,700,000	-	-	\$4,915,537	\$4,915,537 BEYOND25
83	S340454-05 Warren County (Pequest River) Municipal Utilities Authority	-	\$3,000,000	-	-	-	-	-	\$3,997,392	\$3,997,392 BEYOND25
84	S340275-01 Riverton Borough	\$649,000	-	-	-	-	-	-	\$914,970	\$914,970 BEYOND25
85	S340435-13 Perth Amboy City	-	-	-	-	\$575,500	-	-	\$813,482	\$813,482 BEYOND25
86	S340747-02 Jefferson Township	\$1,428,000	-	-	-	-	-	-	\$1,952,637	\$1,952,637 BEYOND25
87	S340925-01 Wrightstown Municipal Utilities Authority	-	\$900,000	-	-	-	-	-	\$3,866,213	\$3,866,213 BEYOND25
88	S340928-22 Jersey City Municipal Utilities Authority	-	-	-	-	-	-	\$439,000	\$624,357	\$624,357 BEYOND25
89	S340952-24 North Hudson Sewer Authority	-	-	\$1,710,000	-	-	-	-	\$2,330,694	\$2,330,694 BEYOND25
89	S340952-19 North Hudson Sewer Authority	-	-	-	-	\$5,700,000	-	-	\$7,480,253	\$7,480,253 BEYOND25
89	S340952-18 North Hudson Sewer Authority	-	-	-	-	\$357,500	-	-	\$510,792	\$510,792 BEYOND25
89	S340952-23 North Hudson Sewer Authority	\$2,250,000	-	-	-	-	-	-	\$3,032,199	\$3,032,199 BEYOND25
89	S340952-27 North Hudson Sewer Authority	-	-	\$350,000	-	-	-	-	\$500,308	\$500,308 BEYOND25
89	S340952-22 North Hudson Sewer Authority	-	-	-	-	\$12,010,000	-	-	\$15,451,847	\$15,451,847 BEYOND25
89	S340952-25 North Hudson Sewer Authority	-	-	-	-	\$1,000,000	-	-	\$1,396,910	\$1,396,910 BEYOND25

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89	S340952-26 North Hudson Sewer Authority	\$480,000	-	-	-	-	-	-	\$681,251	\$681,251 BEYOND25
89	S340952-21 North Hudson Sewer Authority	-	-	-	-	\$2,000,000	-	-	\$2,718,518	\$2,718,518 BEYOND25
89	S340952-02 North Hudson Sewer Authority	-	-	\$24,320,163	-	-	-	-	\$30,948,777	\$30,948,777 BEYOND25
99	S340952-30 North Hudson Sewer Authority	\$1,670,000	-	-	-	-	-	-	\$2,454,000	\$2,454,000 T 160831
99	S345190-01 North Hudson Sewer Authority	-	-	-	-	\$1	-	-	\$3,000,001	\$3,000,001 T 160831
99	S340952-29 North Hudson Sewer Authority	\$933,000	-	-	-	-	-	-	\$1,199,640	\$1,199,640 T 160831
99	S340952-28 North Hudson Sewer Authority	-	-	\$720,000	-	-	-	-	\$1,200,000	\$1,200,000 T 160831
103	S340820-04 Long Branch Sewer Authority	\$4,422,000	-	-	-	-	-	-	\$5,860,527	\$5,860,527 BEYOND25
104	S340652-01 Hudson County Improvement Authority	-	-	-	-	\$200,000	-	-	\$3,997,392	\$3,997,392 BEYOND25
105	S340490-01 Riverside Sewerage Authority	-	\$282,900	-	-	-	-	-	\$410,205	\$410,205 T 160831
106	S340689-35 Passaic Valley Sewerage Commission	-	-	-	-	-	\$226,622	-	\$327,401	\$327,401 BEYOND25
106	S340689-36 Passaic Valley Sewerage Commission	-	-	-	-	-	\$144,000	-	\$210,429	\$210,429 BEYOND25
108	S340898-01 Hamilton Township	-	\$8,830,000	-	-	-	-	-	\$11,495,634	\$11,495,634 BEYOND25
109	S340435-12 Perth Amboy City	-	-	-	-	\$300,000	-	-	\$430,399	\$430,399 BEYOND25
109	S340435-16 Perth Amboy City	-	-	-	-	\$1,000,000	-	-	\$1,120,000	\$1,120,000 T 170831
109	S340435-14 Perth Amboy City	-	-	-	-	\$2,000,000	-	-	\$2,500,000	\$2,500,000 T 160831
109	S345220-01 Perth Amboy City	-	-	-	-	\$767,087	-	-	\$920,504	\$920,504 T 160831
109	S340435-15 Perth Amboy City	-	-	\$1,400,000	-	-	-	-	\$1,680,000	\$1,680,000 T 160831
109	S340435-11 Perth Amboy City	-	-	\$4,880,700	-	-	-	-	\$6,459,351	\$6,459,351 BEYOND25
115	S340701-11 West Milford Municipal Utilities Authority	-	\$7,040,000	-	-	-	-	-	\$9,189,254	\$9,189,254 BEYOND25
115	S340701-12 West Milford Municipal Utilities Authority	\$208,500	-	-	-	-	-	-	\$301,823	\$301,823 BEYOND25
117	S340928-24 Jersey City Municipal Utilities Authority	-	-	-	-	\$1,000,000	-	-	\$17,050,000	\$17,050,000 T 160831
117	S340928-27 Jersey City Municipal Utilities Authority	-	-	-	-	-	\$328,440	-	\$433,539	\$433,539 T 160831
117	S340928-23 Jersey City Municipal Utilities Authority	-	-	\$1,300,000	-	-	-	-	\$1,846,000	\$1,846,000 T 160831
120	S340923-12 Hackensack City	-	-	-	-	\$2,974,000	-	-	\$5,903,680	\$5,903,680 T 160831

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121	S340809-08 Atlantic County Utilities Authority	\$1,196,000	-	-	-	-	-	-	\$1,640,997	\$1,640,997 BEYOND25
122	S340550-07 Cumberland County Utilities Authority	-	\$750,000	-	-	-	-	-	\$1,054,062	\$1,054,062 BEYOND25
123	S340801-07 Somerset Raritan Valley Sewer Authority	\$11,500,000	-	-	-	-	-	-	\$14,834,451	\$14,834,451 T 160831
124	S340821-04 Rockaway Valley Regional Sewer Authority	\$7,500,000	-	-	-	-	-	-	\$9,782,685	\$9,782,685 BEYOND25
125	S340410-05 Neptune Township Sewerage Authority	-	\$8,200,000	-	-	-	-	-	\$10,684,529	\$10,684,529 BEYOND25
126	S340463-05 Evesham Municipal Utilities Authority	-	-	-	\$2,713,000	-	-	-	\$7,132,162	\$7,132,162 BEYOND25
127	S340921-07 Millville City	-	\$8,050,000	-	-	-	-	-	\$10,491,204	\$10,491,204 BEYOND25
128	S340446-09 Edgewater Municipal Utilities Authority	-	\$300,000	-	-	-	-	-	\$2,451,173	\$2,451,173 BEYOND25
128	S340689-23 Passaic Valley Sewerage Commission	\$107,132,763	-	-	-	-	-	-	\$134,646,201	\$134,646,201 BEYOND25
129	S340917-01 Delaware Township Municipal Utilities Authority	-	-	\$100,000	-	-	-	-	\$3,866,213	\$3,866,213 BEYOND25
130	S340794-08 Delran Township	-	\$1,370,000	-	-	-	-	-	\$1,874,782	\$1,874,782 BEYOND25
131	S340636-08 Pompton Lakes Municipal Utilities Authority	\$700,000	-	-	-	-	-	-	\$985,189	\$985,189 BEYOND25
132	S345200-01 Passaic Valley Sewerage Commission	-	-	-	-	-	-	-	\$7,551,288	\$7,551,288 T 160831
132	S340689-40 Passaic Valley Sewerage Commission	\$96,914,993	-	-	-	-	-	-	\$122,842,891	\$122,842,891 T 160831
132	S340689-23 Passaic Valley Sewerage Commission	\$103,158,000	-	-	-	-	-	-	\$149,620,317	\$149,620,317 T 160831
132	S340689-43 Passaic Valley Sewerage Commission	\$33,856,000	-	-	-	-	-	-	\$43,388,560	\$43,388,560 T 160831
132	S345200-02 Passaic Valley Sewerage Commission	-	-	-	-	-	-	-	\$2,000,000	\$2,000,000 T 160831
132	S340689-37 Passaic Valley Sewerage Commission	\$8,333,000	-	-	-	-	-	-	\$10,501,600	\$10,501,600 T 160831
132	S340689-39 Passaic Valley Sewerage Commission	\$3,100,000	-	-	-	-	-	-	\$4,222,000	\$4,222,000 T 160831
132	S340689-38 Passaic Valley Sewerage Commission	\$14,480,000	-	-	-	-	-	-	\$18,974,800	\$18,974,800 T 160831
132	S340689-42 Passaic Valley Sewerage Commission	-	-	-	-	-	\$16,404,000	-	\$21,399,040	\$21,399,040 T 160831
141	S340689-41 Passaic Valley Sewerage Commission	\$74,400,000	-	-	-	-	-	-	\$96,462,000	\$96,462,000 T 160831
142	S340689-32 Passaic Valley Sewerage Commission	-	-	-	-	\$1,318,000	-	-	\$1,804,876	\$1,804,876 BEYOND25
142	S340689-33 Passaic Valley Sewerage Commission	\$4,468,500	-	-	-	-	-	-	\$5,921,310	\$5,921,310 BEYOND25
142	S340689-29 Passaic Valley Sewerage Commission	\$47,523,720	-	-	-	-	-	-	\$60,117,586	\$60,117,586 BEYOND25

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

Cat 2 - Advanced Treatment  
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Cat 3 - Sewer System Rehabilitation  
Cat 6 - Stormwater Management

142	S340689-34 Passaic Valley Sewerage Commission	-	-	-	-	\$2,100,000	-	-	\$2,844,687	\$2,844,687 BEYOND25
142	S340689-24 Passaic Valley Sewerage Commission	\$14,000,000	-	-	-	-	-	-	\$17,986,421	\$17,986,421 BEYOND25
142	S340689-31 Passaic Valley Sewerage Commission	-	-	-	-	\$1,300,000	-	-	\$1,780,655	\$1,780,655 BEYOND25
142	S340689-28 Passaic Valley Sewerage Commission	\$2,500,000	-	-	-	-	-	-	\$3,340,073	\$3,340,073 BEYOND25
142	S340689-25 Passaic Valley Sewerage Commission	\$6,947,756	-	-	-	-	-	-	\$9,070,281	\$9,070,281 BEYOND25
142	S340689-26 Passaic Valley Sewerage Commission	\$46,000,000	-	-	-	-	-	-	\$58,205,014	\$58,205,014 BEYOND25
142	S340689-30 Passaic Valley Sewerage Commission	\$1,265,089	-	-	-	-	-	-	\$1,733,643	\$1,733,643 BEYOND25
142	S340689-22 Passaic Valley Sewerage Commission	-	-	\$2,010,000	-	-	-	-	\$2,731,177	\$2,731,177 BEYOND25
153	S340809-09 Atlantic County Utilities Authority	\$2,000,000	-	-	-	-	-	-	\$2,718,518	\$2,718,518 BEYOND25
154	S340700-13 Northwest Bergen County Utilities Authority	\$3,900,000	-	-	-	-	-	-	\$5,177,348	\$5,177,348 BEYOND25
154	S340700-16 Northwest Bergen County Utilities Authority	\$2,808,000	-	-	-	-	-	-	\$3,753,040	\$3,753,040 T 160831
156	S340536-08 East Windsor Municipal Utilities Authority	\$9,450,000	-	-	-	-	-	-	\$12,293,391	\$12,293,391 BEYOND25
157	S340870-02 Pennsville Sewerage Authority	-	-	-	\$4,281,000	-	-	-	\$7,211,095	\$7,211,095 BEYOND25
158	S340362-05 Harrison Township	\$794,000	-	-	-	-	-	-	\$1,114,504	\$1,114,504 BEYOND25
159	S340526-06 Gloucester County Utilities Authority	-	\$561,000	-	-	-	-	-	\$2,294,564	\$2,294,564 BEYOND25
160	S340928-28 Jersey City Municipal Utilities Authority	-	-	-	-	\$1,750,475	-	-	\$2,264,516	\$2,264,516 T 160831
160	S340928-21 Jersey City Municipal Utilities Authority	-	-	-	-	\$5,175,000	-	-	\$6,832,571	\$6,832,571 BEYOND25
162	S340386-17 Bergen County Utilities Authority	\$6,600,000	-	-	-	-	-	-	\$8,621,779	\$8,621,779 BEYOND25
163	S340391-10-1 Ewing Lawrence Sewer Authority	-	\$2,602,300	-	-	-	-	-	\$3,122,760	\$3,122,760 T 160831
164	S340958-06 Gloucester City	-	-	-	-	\$397,765	-	-	\$566,905	\$566,905 BEYOND25
164	S340958-08 Gloucester City	-	-	-	-	\$1,387,339	-	-	\$1,784,806	\$1,784,806 T 160831
166	S340386-14 Bergen County Utilities Authority	\$42,790,000	-	-	-	-	-	-	\$54,172,587	\$54,172,587 T 170831
166	S340386-09 Bergen County Utilities Authority	-	-	\$25,000,000	-	-	-	-	\$31,783,125	\$31,783,125 T 170831
166	S340386-12 Bergen County Utilities Authority	\$10,000,000	-	-	-	-	-	-	\$13,000,360	\$13,000,360 T 170831
166	S340386-18 Bergen County Utilities Authority	-	-	\$1,830,000	-	-	-	-	\$2,491,339	\$2,491,339 T 170831

Cat 1 - Secondary/Sludge/Septage Treatment  
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Cat 2 - Advanced Treatment  
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Cat 6 - Stormwater Management

166	S340386-11 Bergen County Utilities Authority	\$12,000,000	-	-	-	-	-	-	\$15,439,092	\$15,439,092 T 170831
166	S340386-15 Bergen County Utilities Authority	\$33,185,000	-	-	-	-	-	-	\$42,094,280	\$42,094,280 T 170831
166	S340386-16 Bergen County Utilities Authority	\$15,220,000	-	-	-	-	-	-	\$19,537,263	\$19,537,263 T 170831
173	S340935-01 Mansfield Township	-	\$300,000	-	-	-	-	-	\$1,396,910	\$1,396,910 BEYOND25
174	S340485-05 Raritan Township Municipal Utilities Authority	\$215,000	-	-	-	-	-	-	\$311,009	\$311,009 BEYOND25
175	S340170-07 Cinnaminson Sewerage Authority	\$4,037,000	-	-	-	-	-	-	\$5,356,597	\$5,356,597 BEYOND25
176	S340689-19 Passaic Valley Sewerage Commission	\$50,000,000	-	-	-	-	-	-	\$63,223,700	\$63,223,700 BEYOND25
176	S340689-16 Passaic Valley Sewerage Commission	\$10,000,000	-	-	-	-	-	-	\$13,000,360	\$13,000,360 BEYOND25
177	S344200-02 Seaside Park Borough	-	-	-	-	-	-	-	\$1,445,429	\$1,445,429 BEYOND25
178	S340780-04-1 Wanaque Valley Regional Sewer Authority	\$925,926	-	-	-	-	-	-	\$1,000,000	\$1,000,000 BEYOND25
178	S340780-04 Wanaque Valley Regional Sewer Authority	\$2,830,000	-	-	-	-	-	-	\$3,774,303	\$3,774,303 BEYOND25
180	S340381-07 Roxbury Township	\$6,000,000	-	-	-	-	-	-	\$8,050,000	\$8,050,000 T 160831
181	S340485-09 Raritan Township Municipal Utilities Authority	\$2,000,000	-	-	-	-	-	-	\$2,718,518	\$2,718,518 BEYOND25
182	S340485-12 Raritan Township Municipal Utilities Authority	\$3,469,697	-	-	-	-	-	-	\$4,709,999	\$4,709,999 T 160831
183	S340924-05 Clinton Town	\$1,130,000	-	-	-	-	-	-	\$1,559,892	\$1,559,892 BEYOND25
184	S340256-02 Allamuchy Township	-	\$3,000,000	-	-	-	-	-	\$3,997,392	\$3,997,392 BEYOND25
185	S340902-14 Gloucester County Utilities Authority	\$29,735,000	-	-	-	-	-	-	\$37,750,220	\$37,750,220 BEYOND25
186	S340686-04 Joint Meeting of Essex & Union Counties	\$8,600,000	-	-	-	-	-	-	\$11,199,679	\$11,199,679 BEYOND25
187	S340815-16 Newark City	-	-	-	-	-	\$4,470,000	-	\$5,923,270	\$5,923,270 BEYOND25
187	S340815-19 Newark City	-	-	\$3,500,000	-	-	-	-	\$4,653,327	\$4,653,327 BEYOND25
189	S340902-15 Gloucester County Utilities Authority	\$5,400,000	-	-	-	-	-	-	\$7,180,000	\$7,180,000 T 160831
190	S344100-03 Stafford Township	-	-	-	-	-	\$2,261,475	-	\$3,046,458	\$3,046,458 BEYOND25
190	S344100-02 Stafford Township	-	-	-	-	-	\$4,479,250	-	\$5,935,359	\$5,935,359 BEYOND25
192	S340518-04 Buena Borough Municipal Utilities Authority	\$1,500,000	-	-	-	-	-	-	\$2,049,114	\$2,049,114 BEYOND25
193	S340567-05 Allentown Borough	-	-	-	\$4,190,300	-	-	-	\$5,661,196	\$5,661,196 T 160831

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194	S340400-10 Stony Brook Regional Sewer Authority	-	\$3,812,500	-	-	-	-	-	\$4,700,000	\$4,700,000	T 160831
195	S340128-03 Western Monmouth Utilities Authority	\$10,000,000	-	-	-	-	-	-	\$13,000,360	\$13,000,360	BEYOND25
196	S340364-09 Gloucester Township Municipal Utilities Authority	\$612,500	-	-	-	-	-	-	\$864,565	\$864,565	BEYOND25
197	S344080-02 Ocean County	-	-	-	-	-	\$1,744,711	-	\$2,093,653	\$2,093,653	BEYOND25
198	S340710-05 Maple Shade Township	\$1,867,520	-	-	-	-	-	-	\$2,541,541	\$2,541,541	BEYOND25
199	S340747-04 Jefferson Township	-	-	-	\$4,932,000	-	-	-	\$6,526,216	\$6,526,216	BEYOND25
200	S340663-07 North Wildwood City	-	-	\$13,313,000	-	-	-	-	\$17,768,040	\$17,768,040	T 160831
201	S344200-02 Seaside Park Borough	-	-	-	-	-	\$2,076,690	-	\$2,691,442	\$2,691,442	T 160831
202	S340832-01 Howell Township Municipal Utilities Authority	-	-	-	\$4,435,000	-	-	-	\$5,877,522	\$5,877,522	BEYOND25
203	S344120-02 Bay Head Borough	-	-	-	-	-	\$200,000	-	\$289,789	\$289,789	BEYOND25
204	S340386-13 Bergen County Utilities Authority	\$24,900,000	-	-	-	-	-	-	\$31,660,502	\$31,660,502	T 170831
204	S340386-10 Bergen County Utilities Authority	\$4,500,000	-	-	-	-	-	-	\$5,962,475	\$5,962,475	BEYOND25
206	S340902-16 Gloucester County Utilities Authority	\$1,685,000	-	-	-	-	-	-	\$1,969,800	\$1,969,800	T 160831
207	S344040-02 Howell Township	-	-	-	\$10,746,713	-	-	-	\$14,258,859	\$14,258,859	T 160831
208	S340806-04 Parsippany Troy Hills Township	-	\$8,316,000	-	-	-	-	-	\$10,833,981	\$10,833,981	BEYOND25
209	S340259-08 Kearny Municipal Utilities Authority	-	-	\$500,000	-	-	-	-	\$708,917	\$708,917	BEYOND25
210	S340892-09 Galloway Township	-	-	-	-	-	-	-	\$951,143	\$951,143	BEYOND25
210	S340927-07 Hammonton Town	-	\$2,900,000	-	-	-	-	-	\$3,866,213	\$3,866,213	BEYOND25
211	S344030-01 Brick Township	-	-	-	-	-	\$731,811	-	\$1,029,030	\$1,029,030	BEYOND25
212	S344020-01 Berkeley Township	-	-	-	-	-	\$1,531,250	-	\$2,091,098	\$2,091,098	BEYOND25
213	S344070-01 Manchester Township	-	-	-	-	-	\$575,068	-	\$812,885	\$812,885	BEYOND25
214	S340132-09 Willingboro Municipal Utilities Authority	\$3,600,000	-	-	-	-	-	-	\$4,550,000	\$4,550,000	T 160831
215	S344130-01 Barnegat Township	-	-	-	-	-	\$400,000	-	\$570,013	\$570,013	BEYOND25
216	S344060-02 Little Egg Harbor Township	-	-	-	-	-	\$2,900,000	-	\$3,958,000	\$3,958,000	T 160831
217	S344060-01 Little Egg Harbor Township	-	-	-	-	-	\$2,187,500	-	\$2,954,323	\$2,954,323	BEYOND25

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218	S340915-06 Hightstown Borough	-	\$1,035,000	-	-	-	-	-	\$1,441,211	\$1,441,211 BEYOND25
218	S340915-05 Hightstown Borough	-	\$980,000	-	-	-	-	-	\$1,369,569	\$1,369,569 BEYOND25
220	S344150-01 Lakehurst Borough	-	-	-	-	-	\$361,000	-	\$515,681	\$515,681 BEYOND25
221	S344140-01 Lacey Township	-	-	-	-	-	\$225,380	-	\$325,651	\$325,651 BEYOND25
222	S344080-06 Ocean County	-	-	-	-	-	\$2,000,000	-	\$2,718,518	\$2,718,518 BEYOND25
222	S344080-04 Ocean County	-	-	-	-	-	\$2,400,000	-	\$3,217,620	\$3,217,620 BEYOND25
224	S344080-11 Ocean County	-	-	-	-	-	\$280,000	-	\$336,000	\$336,000 T 160831
224	S344080-10 Ocean County	-	-	-	-	-	\$200,000	-	\$240,000	\$240,000 T 160831
226	S340821-08 Rockaway Valley Regional Sewer Authority	-	\$12,000,000	-	-	-	-	-	\$15,439,092	\$15,439,092 BEYOND25
226	S340821-07 Rockaway Valley Regional Sewer Authority	-	\$3,000,000	-	-	-	-	-	\$3,997,392	\$3,997,392 BEYOND25
228	S344080-09 Ocean County	-	-	-	-	-	\$775,000	-	\$1,123,750	\$1,123,750 T 160831
229	S340128-06 Western Monmouth Utilities Authority	-	\$9,000,000	-	-	-	-	-	\$12,010,000	\$12,010,000 T 160831
230	S344050-02 Jackson Township	-	-	-	-	-	\$710,000	-	\$998,980	\$998,980 BEYOND25
231	S340461-05 Landis Sewerage Authority	\$2,700,000	-	-	-	-	-	-	\$3,603,428	\$3,603,428 BEYOND25
232	S344210-01 Point Pleasant Borough	-	-	-	-	-	\$220,000	-	\$318,067	\$318,067 BEYOND25
233	S344010-02 Beachwood Borough	-	-	-	-	-	\$500,000	-	\$708,917	\$708,917 BEYOND25
234	S344010-01 Beachwood Borough	-	-	-	-	-	\$696,500	-	\$980,378	\$980,378 BEYOND25
235	S344160-01 Millstone Township	-	-	-	-	-	\$250,000	-	\$360,245	\$360,245 BEYOND25
236	S344190-02 Point Pleasant Beach Borough	-	-	-	-	-	\$6,850,000	-	\$8,944,264	\$8,944,264 T 150831
237	S344180-01 Ocean Gate Borough	-	-	-	-	-	\$1,690,000	-	\$2,303,933	\$2,303,933 BEYOND25
238	S344090-01 Pine Beach Borough	-	-	-	-	-	\$305,000	-	\$437,413	\$437,413 BEYOND25
239	S344120-01 Bay Head Borough	-	-	-	-	-	\$172,500	-	\$250,886	\$250,886 BEYOND25
240	S340761-04 Roosevelt Borough	\$1,200,000	-	-	-	-	-	-	\$1,714,000	\$1,714,000 T 160831
240	S340761-03 Roosevelt Borough	\$111,500	-	-	-	-	-	-	\$161,675	\$161,675 T 160831
242	S340809-22 Atlantic County Utilities Authority	-	-	\$12,000,000	-	-	-	-	\$15,439,092	\$15,439,092 BEYOND25

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242	S340809-21 Atlantic County Utilities Authority	-	-	-	\$6,500,000	-	-	-	\$8,492,702	\$8,492,702 BEYOND25
244	S340850-01 Paterson City	-	-	\$22,136,000	-	-	-	-	\$28,256,876	\$28,256,876 BEYOND25
245	S340416-12 Trenton City	-	-	\$2,000,000	-	-	-	-	\$2,718,518	\$2,718,518 BEYOND25
246	S340700-17 Northwest Bergen County Utilities Authority	\$325,000	-	-	-	-	-	-	\$443,500	\$443,500 T 160831
247	S340945-08-1 Old Bridge Municipal Utilities Authority	-	-	-	-	-	-	-	\$0	\$0 BEYOND25
248	S340652-10 North Bergen Municipal Utilities Authority	-	-	-	-	-	\$1,225,000	-	\$1,679,606	\$1,679,606 BEYOND25
248	S340652-07 North Bergen Township	-	-	\$450,000	-	-	-	-	\$639,645	\$639,645 BEYOND25
250	S340259-07 Kearny Municipal Utilities Authority	-	-	\$6,830,000	-	-	-	-	\$8,918,476	\$8,918,476 BEYOND25
251	S340895-08 Winslow Township	-	-	-	\$1,275,900	-	-	-	\$1,748,207	\$1,748,207 BEYOND25
252	S340804-04 Salem County	-	\$14,218,000	-	-	-	-	-	\$18,263,633	\$18,263,633 BEYOND25
253	S340883-05 Asbury Park City	-	-	\$11,322,131	-	-	-	-	\$14,618,545	\$14,618,545 BEYOND25
253	S340883-06 Asbury Park City	-	-	-	\$1,250,000	-	-	-	\$17,350,281	\$17,350,281 BEYOND25
255	S340959-03 North Arlington Borough	-	-	\$265,000	-	-	-	-	\$381,358	\$381,358 BEYOND25
256	S340803-04 Hackettstown Municipal Utilities Authority	-	-	-	\$1,011,500	-	-	-	\$1,411,500	\$1,411,500 BEYOND25
257	S340523-04-1 Caldwell Borough	-	-	-	-	-	-	-	\$0	\$0 BEYOND25
258	S340477-01 Mendham Township	-	\$1,600,000	-	-	-	-	-	\$2,242,000	\$2,242,000 T 160831
259	S340550-08 Cumberland County Utilities Authority	-	-	\$800,000	-	-	-	-	\$1,122,734	\$1,122,734 BEYOND25
260	S340921-04 Millville City	-	-	-	\$1,200,000	-	-	-	\$8,557,247	\$8,557,247 BEYOND25
261	S340336-05 Long Branch Sewer Authority	-	-	\$1,000,000	-	-	-	-	\$1,396,910	\$1,396,910 BEYOND25
262	S340656-08 Princeton Borough	-	-	\$2,897,244	-	-	-	-	\$3,862,596	\$3,862,596 BEYOND25
262	S340656-09 Princeton Township	-	-	\$1,330,420	-	-	-	-	\$1,821,582	\$1,821,582 BEYOND25
264	S340946-05 Stafford Township	-	-	\$664,959	-	-	-	-	\$936,970	\$936,970 BEYOND25
265	S340730-01 Ocean City	-	-	\$39,000	-	-	-	-	\$57,540	\$57,540 BEYOND25
266	S340360-01 Metuchen Borough	-	-	\$2,800,000	-	-	-	-	\$3,734,892	\$3,734,892 BEYOND25
267	S340664-03 Wildwood City	-	-	\$2,250,000	-	-	-	-	\$3,032,199	\$3,032,199 BEYOND25

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268	S340663-06 North Wildwood City	-	-	\$10,073,524	-	-	-	-	\$13,090,964	\$13,090,964 BEYOND25
268	S340663-04 North Wildwood City	-	-	\$8,716,640	-	-	-	-	\$11,349,789	\$11,349,789 BEYOND25
270	S340626-03 West Wildwood Borough	-	-	\$396,000	-	-	-	-	\$564,453	\$564,453 BEYOND25
271	S340132-08 Willingboro Municipal Utilities Authority	-	-	\$1,142,500	-	-	-	-	\$1,575,337	\$1,575,337 BEYOND25
272	S340620-07 Barnegat Township	-	-	\$400,000	-	-	-	-	\$570,013	\$570,013 BEYOND25
272	S340620-06 Barnegat Township	-	-	\$375,000	-	-	-	-	\$535,216	\$535,216 BEYOND25
274	S340579-02 Little Egg Harbor Municipal Utilities Authority	-	-	\$1,411,283	-	-	-	-	\$1,930,210	\$1,930,210 BEYOND25
274	S340579-03 Little Egg Harbor Municipal Utilities Authority	-	-	\$6,062,425	-	-	-	-	\$7,638,655	\$7,638,655 T 160831
276	S340794-09 Delran Township	-	-	\$530,000	-	-	-	-	\$750,544	\$750,544 BEYOND25
277	S340964-02 Warren Township Sewer Authority	-	-	\$475,500	-	-	-	-	\$675,018	\$675,018 BEYOND25
277	S340964-02-1 Warren Township Sewer Authority	-	-	\$92,593	-	-	-	-	\$100,000	\$100,000 BEYOND25
279	S340778-01 Totowa Borough	-	-	\$700,000	-	-	-	-	\$985,189	\$985,189 BEYOND25
280	S340304-02 Freehold Borough	-	-	\$300,000	-	-	-	-	\$430,399	\$430,399 BEYOND25
281	S340102-03 Milltown Borough	-	-	-	-	-	\$12,000,000	-	\$15,439,092	\$15,439,092 BEYOND25
282	S340915-04 Hightstown Borough	-	-	-	\$236,250	-	-	-	\$403,745	\$403,745 BEYOND25
283	S340911-01 Manasquan River Regional Sewerage Authority	-	-	\$500,000	-	-	-	-	\$708,917	\$708,917 BEYOND25
284	S340347-01 South Bound Brook Borough	-	-	-	\$850,000	-	-	-	\$1,191,434	\$1,191,434 BEYOND25
285	S340034-02 Tuckerton Borough	-	-	\$1,329,900	-	-	-	-	\$1,820,883	\$1,820,883 BEYOND25
286	S340236-01 Seaside Heights Borough	-	-	\$2,935,700	-	-	-	-	\$3,913,060	\$3,913,060 BEYOND25
287	S340864-01 Avalon Borough	-	-	\$796,000	-	-	-	-	\$1,530,125	\$1,530,125 BEYOND25
288	S340837-04 Montclair Township	-	-	\$1,176,345	-	-	-	-	\$1,682,173	\$1,682,173 T 160831
289	S340858-06 Cranford Township	-	-	\$715,000	-	-	-	-	\$1,005,872	\$1,005,872 BEYOND25
290	S340147-01 Pleasantville City	-	-	-	-	-	\$3,988,486	-	\$7,860,818	\$7,860,818 BEYOND25
291	S340376-04 Morristown Town	-	-	\$6,600,000	-	-	-	-	\$8,621,779	\$8,621,779 BEYOND25
292	S340967-01 Matawan Borough	-	-	\$500,000	-	-	-	-	\$708,917	\$708,917 BEYOND25

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

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

Cat 3 - Sewer System Rehabilitation  
Cat 6 - Stormwater Management

293	S340326-06 South Amboy City	-	-	\$168,000	-	-	-	-	\$244,515	\$244,515 BEYOND25
294	S340699-13 Middlesex County Utilities Authority	-	-	\$32,231,847	-	-	-	-	\$40,894,712	\$40,894,712 BEYOND25
294	S340699-12 Middlesex County Utilities Authority	-	-	\$88,390,000	-	-	-	-	\$111,313,758	\$111,313,758 BEYOND25
294	S340699-14 Middlesex County Utilities Authority	-	-	\$13,200,000	-	-	-	-	\$16,968,376	\$16,968,376 BEYOND25
297	S340699-07 Middlesex County Utilities Authority	-	-	\$6,200,000	-	-	-	-	\$8,105,182	\$8,105,182 BEYOND25
297	S340699-08 Middlesex County Utilities Authority	-	-	\$17,300,000	-	-	-	-	\$22,180,484	\$22,180,484 BEYOND25
299	S340372-53 Ocean County Utilities Authority	-	-	\$2,500,000	-	-	-	-	\$3,340,073	\$3,340,073 BEYOND25
299	S340372-54 Ocean County Utilities Authority	-	-	\$3,347,008	-	-	-	-	\$4,452,933	\$4,452,933 BEYOND25
299	S340372-57 Ocean County Utilities Authority	-	-	\$2,200,000	-	-	-	-	\$2,969,927	\$2,969,927 BEYOND25
299	S340372-55 Ocean County Utilities Authority	-	-	\$300,000	-	-	-	-	\$430,399	\$430,399 BEYOND25
303	S340709-02 Camden County Municipal Utilities Authority	-	-	\$12,184,000	-	-	-	-	\$15,673,755	\$15,673,755 BEYOND25
304	S340768-02 Bergen County Utilities Authority	-	-	\$12,184,000	-	-	-	-	\$15,673,755	\$15,673,755 BEYOND25
305	S340547-03 Rahway Valley Sewerage Authority	-	-	\$4,482,000	-	-	-	-	\$5,938,953	\$5,938,953 BEYOND25
305	S340547-08 Rahway Valley Sewerage Authority	-	-	\$1,250,000	-	-	-	-	\$1,713,312	\$1,713,312 BEYOND25
305	S340809-24 Atlantic County Utilities Authority	-	-	\$709,441	-	-	-	-	\$998,208	\$998,208 BEYOND25
305	S340809-29 Atlantic County Utilities Authority	-	-	\$2,000,000	-	-	-	-	\$2,718,518	\$2,718,518 BEYOND25
309	S340902-08 Gloucester County Utilities Authority	\$1,280,000	-	-	-	-	-	-	\$1,753,729	\$1,753,729 BEYOND25
310	S340117-04 Two Rivers Water Reclamation Authority	-	-	-	\$350,000	-	-	-	\$500,308	\$500,308 BEYOND25
310	S340949-05 Plainfield Area Regional Sewerage Authority	-	-	\$3,000,000	-	-	-	-	\$3,997,392	\$3,997,392 BEYOND25
310	S340117-05 Two Rivers Water Reclamation Authority	-	-	\$21,000,000	-	-	-	-	\$26,849,966	\$26,849,966 BEYOND25
313	S340661-22 Cape May County Municipal Utilities Authority	-	-	\$3,000,000	-	-	-	-	\$3,997,392	\$3,997,392 BEYOND25
314	S340898-04 Hamilton Township	-	-	\$5,100,000	-	-	-	-	\$6,739,361	\$6,739,361 BEYOND25
314	S340898-02 Hamilton Township	-	-	\$10,010,000	-	-	-	-	\$13,012,687	\$13,012,687 BEYOND25
314	S340898-05 Hamilton Township	-	-	\$2,250,000	-	-	-	-	\$3,032,199	\$3,032,199 BEYOND25
317	S340821-06 Rockaway Valley Regional Sewer Authority	-	-	-	\$4,005,149	-	-	-	\$6,543,350	\$6,543,350 BEYOND25

Cat 1 - Secondary/Sludge/Septage Treatment  
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Cat 2 - Advanced Treatment  
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Cat 3 - Sewer System Rehabilitation  
Cat 6 - Stormwater Management

318	S340465-01 Lakewood Township Municipal Utilities Authority	-	-	\$500,000	-	-	-	-	\$708,917	\$708,917 BEYOND25
319	S340700-06 Northwest Bergen County Utilities Authority	-	-	\$6,076,000	-	-	-	-	\$7,944,881	\$7,944,881 BEYOND25
320	S340117-03 Two Rivers Water Reclamation Authority	-	-	\$2,900,000	-	-	-	-	\$3,866,213	\$3,866,213 BEYOND25
321	S340844-05 Clifton City	-	-	\$2,500,000	-	-	-	-	\$3,340,073	\$3,340,073 BEYOND25
321	S340844-01 Clifton City	-	-	\$300,000	-	-	-	-	\$430,399	\$430,399 BEYOND25
323	S340448-09 Brick Township Municipal Utilities Authority	-	-	\$1,979,600	-	-	-	-	\$2,691,295	\$2,691,295 BEYOND25
323	S340448-10 Brick Township Municipal Utilities Authority	-	-	\$2,250,000	-	-	-	-	\$3,032,199	\$3,032,199 BEYOND25
325	S340700-15 Northwest Bergen County Utilities Authority	-	-	\$3,640,000	-	-	-	-	\$4,733,200	\$4,733,200 T 160831
325	S340700-14 Northwest Bergen County Utilities Authority	-	-	\$2,340,000	-	-	-	-	\$3,089,200	\$3,089,200 T 160831
327	S340433-04 Woodbridge Township	-	-	\$807,000	-	-	-	-	\$1,132,363	\$1,132,363 BEYOND25
328	S340097-05 Middletown Township Sewer Authority	-	-	\$1,285,000	-	-	-	-	\$1,760,462	\$1,760,462 BEYOND25
329	S340128-07 Western Monmouth Utilities Authority	-	-	\$1,437,500	-	-	-	-	\$2,027,500	\$2,027,500 T 160831
329	S340128-05 Western Monmouth Utilities Authority	-	-	\$3,050,000	-	-	-	-	\$4,156,000	\$4,156,000 T 160831
331	S340945-13 Old Bridge Municipal Utilities Authority	-	-	\$3,700,000	-	-	-	-	\$4,915,537	\$4,915,537 BEYOND25
331	S340945-14 Old Bridge Municipal Utilities Authority	-	-	\$1,500,000	-	-	-	-	\$2,110,000	\$2,110,000 T 160831
333	S340391-06 Ewing Lawrence Sewer Authority	-	-	\$2,000,000	-	-	-	-	\$2,718,518	\$2,718,518 BEYOND25
334	S340364-13 Gloucester Township Municipal Utilities Authority	-	-	\$800,000	-	-	-	-	\$1,122,734	\$1,122,734 BEYOND25
335	S340839-06 Franklin Township Sewerage Authority	-	-	\$14,000,000	-	-	-	-	\$16,690,000	\$16,690,000 T 170831
336	S340945-05 Old Bridge Municipal Utilities Authority	-	-	\$1,600,000	-	-	-	-	\$2,183,362	\$2,183,362 BEYOND25
337	S340299-05 Linden Roselle Sewer Authority	-	-	\$271,000	-	-	-	-	\$389,787	\$389,787 BEYOND25
338	S340953-02 Jackson Township Municipal Utilities Authority	-	-	\$1,500,000	-	-	-	-	\$2,049,114	\$2,049,114 BEYOND25
338	S340953-04 Jackson Township	-	-	-	-	-	\$710,000	-	\$852,000	\$852,000 BEYOND25
340	S340293-04 Union Township	-	-	-	\$710,100	-	-	-	\$999,117	\$999,117 BEYOND25
341	S340845-01 Passaic City	-	-	\$3,000,000	-	-	-	-	\$3,997,392	\$3,997,392 BEYOND25
342	S340839-04 Franklin Township Sewerage Authority	-	-	-	\$700,000	-	-	-	\$985,189	\$985,189 BEYOND25

Cat 1 - Secondary/Sludge/Septage Treatment  
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Cat 3 - Sewer System Rehabilitation  
Cat 6 - Stormwater Management

342	S340839-05 Franklin Township Sewerage Authority	-	-	\$1,500,000	-	-	-	-	\$2,049,114	\$2,049,114 BEYOND25
344	S340393-07 Wayne Township	-	-	\$1,500,000	-	-	-	-	\$2,049,114	\$2,049,114 BEYOND25
345	S340377-04A South Monmouth Regional Sewer Authority	-	-	-	-	-	-	-	\$0	\$0 BEYOND25
345	S340377-03 South Monmouth Regional Sewer Authority	-	-	\$7,000,000	-	-	-	-	\$9,137,611	\$9,137,611 BEYOND25
345	S340377-05 South Monmouth Regional Sewer Authority	-	-	\$2,000,000	-	-	-	-	\$2,718,518	\$2,718,518 BEYOND25
348	S340930-04 Washington Township Municipal Utilities Authority	-	-	\$740,000	-	-	-	-	\$1,040,303	\$1,040,303 BEYOND25
348	S340930-03 Washington Township Municipal Utilities Authority	-	-	-	\$700,000	-	-	-	\$2,270,465	\$2,270,465 BEYOND25
350	S340168-01 East Brunswick Sewerage Authority	-	-	\$1,350,000	-	-	-	-	\$1,847,907	\$1,847,907 BEYOND25
351	S340753-03 Egg Harbor Township Municipal Utilities Authority	-	-	\$650,000	-	-	-	-	\$916,350	\$916,350 BEYOND25
351	S340753-04 Egg Harbor Township Municipal Utilities Authority	-	-	\$945,550	-	-	-	-	\$1,322,416	\$1,322,416 BEYOND25
351	S340753-06 Egg Harbor Township Municipal Utilities Authority	-	-	\$436,000	-	-	-	-	\$620,184	\$620,184 BEYOND25
354	S340969-01 Berkeley Township	-	-	\$2,000,000	-	-	-	-	\$2,718,518	\$2,718,518 BEYOND25
355	S340895-07 Winslow Township	-	-	\$460,000	-	-	-	-	\$653,528	\$653,528 BEYOND25
356	S340837-03 Montclair Township	-	-	\$998,720	-	-	-	-	\$1,395,161	\$1,395,161 BEYOND25
357	S340895-01 Winslow Township	-	-	-	\$1,473,120	-	-	-	\$2,013,118	\$2,013,118 BEYOND25
358	S340853-01 Fort Lee Borough	-	-	\$481,000	-	-	-	-	\$682,636	\$682,636 BEYOND25
359	S340859-01 Orange City	-	-	\$685,000	-	-	-	-	\$964,562	\$964,562 BEYOND25
360	S340172-01 Garfield City	-	-	\$3,000,000	-	-	-	-	\$3,997,392	\$3,997,392 BEYOND25
361	S340750-14 Ocean Township Sewer Authority	-	-	\$1,700,000	-	-	-	-	\$2,374,000	\$2,374,000 T 160831
361	S340750-13 Ocean Township Sewer Authority	-	-	\$350,000	-	-	-	-	\$507,500	\$507,500 T 160831
363	S340423-03 Monroe Municipal Utilities Authority	-	-	\$1,649,332	-	-	-	-	\$2,249,480	\$2,249,480 BEYOND25
364	S340750-12 Ocean Township Sewer Authority	-	-	\$2,500,000	-	-	-	-	\$3,340,073	\$3,340,073 BEYOND25
364	S340750-10 Ocean Township Sewer Authority	-	-	\$1,000,000	-	-	-	-	\$1,396,910	\$1,396,910 BEYOND25
364	S340750-11 Ocean Township Sewer Authority	-	-	\$3,400,000	-	-	-	-	\$4,522,375	\$4,522,375 BEYOND25

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367	S340378-02 Bergenfield Borough	-	-	\$1,925,000	-	-	-	-	\$2,618,381	\$2,618,381 BEYOND25
368	S340829-03 Bridgeton City	-	-	\$318,500	-	-	-	-	\$456,326	\$456,326 BEYOND25
368	S340829-01 Bridgeton City	-	-	\$993,053	-	-	-	-	\$1,387,415	\$1,387,415 BEYOND25
368	S340829-02 Bridgeton City	-	-	\$993,053	-	-	-	-	\$1,387,415	\$1,387,415 BEYOND25
371	S340769-02 Bergen County Utilities Authority	-	-	\$1,150,000	-	-	-	-	\$1,584,586	\$1,584,586 BEYOND25
372	S340639-07 Ridgewood Village	-	-	\$2,375,000	-	-	-	-	\$6,046,088	\$6,046,088 BEYOND25
373	S340317-02 Lodi Borough	-	-	\$1,300,000	-	-	-	-	\$1,780,655	\$1,780,655 BEYOND25
374	S340715-03 Madison (MCJM) Borough	-	-	\$553,000	-	-	-	-	\$782,388	\$782,388 BEYOND25
375	S340939-06 Carteret Borough	-	-	\$4,600,000	-	-	-	-	\$6,093,106	\$6,093,106 BEYOND25
376	S340712-14 Burlington Township	-	-	\$900,000	-	-	-	-	\$1,259,960	\$1,259,960 BEYOND25
376	S340712-14-1 Burlington Township	-	-	\$185,185	-	-	-	-	\$200,000	\$200,000 BEYOND25
376	S340712-15 Burlington Township	-	-	\$900,000	-	-	-	-	\$1,080,000	\$1,080,000 T 170831
379	S340485-11 Raritan Township Municipal Utilities Authority	-	-	\$350,000	-	-	-	-	\$500,308	\$500,308 BEYOND25
379	S340485-07 Raritan Township Municipal Utilities Authority	-	-	\$1,650,000	-	-	-	-	\$2,250,375	\$2,250,375 BEYOND25
381	S340866-01 South Brunswick Township	-	-	\$260,000	-	-	-	-	\$374,327	\$374,327 BEYOND25
382	S340346-06 Medford Township	-	-	\$2,420,000	-	-	-	-	\$3,242,185	\$3,242,185 BEYOND25
383	S340408-01 South Plainfield Borough	-	-	-	-	-	\$320,000	-	\$458,425	\$458,425 BEYOND25
384	S340947-05 West Deptford Township	-	-	\$850,000	-	-	-	-	\$1,232,500	\$1,232,500 T 160831
385	S340443-05 Edgewater Borough	-	-	\$2,301,000	-	-	-	-	\$3,095,477	\$3,095,477 BEYOND25
386	S340968-01 Hazlet Township	-	-	\$650,000	-	-	-	-	\$916,350	\$916,350 BEYOND25
386	S340906-03 Hillside Township	-	-	\$791,000	-	-	-	-	\$1,110,388	\$1,110,388 BEYOND25
388	S340332-02 Roselle Borough	-	-	\$2,600,000	-	-	-	-	\$3,471,822	\$3,471,822 BEYOND25
389	S340939-01 Carteret Borough	-	-	\$5,500,000	-	-	-	-	\$7,234,505	\$7,234,505 BEYOND25
390	S340712-13 Burlington Township	-	-	\$450,000	-	-	-	-	\$639,645	\$639,645 BEYOND25
391	S340947-04 West Deptford Township	-	-	\$1,698,730	-	-	-	-	\$2,315,615	\$2,315,615 BEYOND25

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392	S340426-07 North Arlington-Lyndhurst Joint Meeting	-	-	\$1,500,000	-	-	-	-	\$2,049,114	\$2,049,114 BEYOND25
393	S340710-04 Maple Shade Township	-	-	\$1,256,295	-	-	-	-	\$1,721,795	\$1,721,795 BEYOND25
394	S340912-02 Moorestown Township	-	-	\$611,000	-	-	-	-	\$862,491	\$862,491 BEYOND25
395	S340863-01 Elmwood Park Borough	-	-	\$700,000	-	-	-	-	\$985,189	\$985,189 BEYOND25
396	S340192-01 Rutherford Borough	-	-	\$500,000	-	-	-	-	\$708,917	\$708,917 BEYOND25
397	S340922-01 Dumont Borough	-	-	\$2,717,000	-	-	-	-	\$3,625,787	\$3,625,787 BEYOND25
398	S340400-03 Stony Brook Regional Sewer Authority	-	-	\$393,000	-	-	-	-	\$560,281	\$560,281 BEYOND25
399	S340313-01 Palisades Park Borough	-	-	\$300,000	-	-	-	-	\$430,399	\$430,399 BEYOND25
400	S340577-07 Readington Township	-	-	\$155,000	-	-	-	-	\$226,059	\$226,059 BEYOND25
401	S340919-03 Holmdel Township	-	-	-	-	-	\$218,875	-	\$316,480	\$316,480 BEYOND25
402	S340580-04 Warren County	-	-	\$1,809,000	-	-	-	-	\$2,463,225	\$2,463,225 BEYOND25
403	S340382-03 Bernards Township Sewerage Authority	-	-	\$337,000	-	-	-	-	\$482,182	\$482,182 BEYOND25
404	S340927-06 Hammonton Town	-	\$225,000	-	-	-	-	-	\$325,117	\$325,117 BEYOND25
404	S340927-08 Hammonton Town	-	-	\$1,627,740	-	-	-	-	\$2,220,549	\$2,220,549 BEYOND25
406	S340889-01 Dover Town	-	-	\$664,000	-	-	-	-	\$935,648	\$935,648 BEYOND25
407	S340533-04 Verona Township	-	-	\$1,054,000	-	-	-	-	\$1,465,130	\$1,465,130 BEYOND25
408	S340855-01 Springfield Township	-	-	\$1,054,000	-	-	-	-	\$1,465,130	\$1,465,130 BEYOND25
409	S340924-06 Clinton Town	-	-	\$900,000	-	-	-	-	\$1,259,960	\$1,259,960 BEYOND25
410	S340938-01 Highland Park Borough	-	-	\$3,242,000	-	-	-	-	\$4,315,232	\$4,315,232 BEYOND25
411	S340717-05 Cedar Grove Township	-	-	\$260,000	-	-	-	-	\$374,327	\$374,327 BEYOND25
412	S340766-02 Parsippany Troy Hills Township	-	-	\$35,000	-	-	-	-	\$51,639	\$51,639 BEYOND25
413	S340381-05 Roxbury Township	-	-	\$962,000	-	-	-	-	\$1,344,941	\$1,344,941 BEYOND25
414	S340329-01 Hasbrouck Heights Borough	-	-	\$11,000,000	-	-	-	-	\$14,226,449	\$14,226,449 BEYOND25
415	S340220-01 Haddonfield Borough	-	-	-	\$355,768	-	-	-	\$2,517,530	\$2,517,530 BEYOND25
416	S340200-01 West Caldwell Township	-	-	-	\$185,000	-	-	-	\$268,597	\$268,597 BEYOND25

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417	S340703-05 Florham Park Borough	-	-	\$1,000,000	-	-	-	-	\$1,396,910	\$1,396,910 BEYOND25
418	S340862-01 Westwood Borough	-	-	\$690,190	-	-	-	-	\$971,700	\$971,700 BEYOND25
419	S340716-04 Little Falls Township	-	-	\$1,600,000	-	-	-	-	\$2,183,362	\$2,183,362 BEYOND25
420	S340841-01 River Edge Borough	-	-	\$320,000	-	-	-	-	\$458,425	\$458,425 BEYOND25
421	S340780-02 Wanaque Valley Regional Sewer Authority	-	-	\$1,136,000	-	-	-	-	\$1,567,310	\$1,567,310 BEYOND25
422	S340326-04 Sayreville Borough	-	-	\$168,000	-	-	-	-	\$244,515	\$244,515 BEYOND25
423	S340517-01 Fairview Borough	-	-	\$1,100,000	-	-	-	-	\$1,522,661	\$1,522,661 BEYOND25
424	S340274-05 Pine Hill Municipal Utilities Authority	-	-	\$919,000	-	-	-	-	\$1,286,028	\$1,286,028 BEYOND25
425	S340118-05 Keansburg Borough	-	-	\$5,000,000	-	-	-	-	\$6,614,815	\$6,614,815 BEYOND25
425	S340118-04 Keansburg Borough	-	-	\$3,500,000	-	-	-	-	\$4,653,327	\$4,653,327 BEYOND25
427	S340425-01 Little Ferry Borough	-	-	\$3,700,000	-	-	-	-	\$4,915,537	\$4,915,537 BEYOND25
428	S340827-04 Brigantine City	-	-	\$2,235,700	-	-	-	-	\$3,014,413	\$3,014,413 BEYOND25
429	S340309-01 Audubon Borough	-	-	\$779,772	-	-	-	-	\$1,094,976	\$1,094,976 BEYOND25
430	S340362-04 Harrison Township	-	-	-	\$714,000	-	-	-	\$2,054,490	\$2,054,490 BEYOND25
431	S340404-09 Long Hill Township	-	-	\$1,000,000	-	-	-	-	\$1,396,910	\$1,396,910 BEYOND25
432	S340835-04 Oradell Borough	-	-	\$810,000	-	-	-	-	\$1,136,488	\$1,136,488 BEYOND25
433	S340363-06 Runnemede Borough	-	-	\$1,125,000	-	-	-	-	\$1,553,702	\$1,553,702 BEYOND25
434	S340112-07 Ocean Township	-	-	\$1,680,000	-	-	-	-	\$2,290,548	\$2,290,548 BEYOND25
435	S340877-01 Haddon Heights Borough	-	-	\$976,000	-	-	-	-	\$1,364,098	\$1,364,098 BEYOND25
436	S340914-01 Bogota Borough	-	-	-	-	-	\$800,000	-	\$3,094,238	\$3,094,238 BEYOND25
437	S340229-01 North Haledon Borough	-	-	\$726,000	-	-	-	-	\$1,021,028	\$1,021,028 BEYOND25
438	S340861-02 Glen Ridge Borough	-	-	\$482,400	-	-	-	-	\$684,574	\$684,574 BEYOND25
439	S340502-07 Carneys Point Township	-	-	\$425,000	-	-	-	-	\$604,874	\$604,874 BEYOND25
440	S340846-01 Montvale Borough	-	-	\$71,000	-	-	-	-	\$104,753	\$104,753 BEYOND25
441	S340305-02 Barrington Borough	-	-	\$1,000,000	-	-	-	-	\$1,396,910	\$1,396,910 BEYOND25

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

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

Cat 3 - Sewer System Rehabilitation  
Cat 6 - Stormwater Management

442	S340816-03 Bernardsville Borough	-	-	\$809,000	-	-	-	-	\$1,135,113	\$1,135,113 BEYOND25
443	S340916-01 Dunellen Borough	-	-	\$5,500,000	-	-	-	-	\$7,234,505	\$7,234,505 BEYOND25
444	S340224-01 Jamesburg Borough	-	-	\$796,000	-	-	-	-	\$1,117,248	\$1,117,248 BEYOND25
445	S340278-01 Union Beach Borough	-	-	\$1,700,000	-	-	-	-	\$2,317,315	\$2,317,315 BEYOND25
446	S340186-01 Prospect Park Borough	-	-	\$500,000	-	-	-	-	\$708,917	\$708,917 BEYOND25
447	S340264-02 Lopatcong Township	-	-	\$2,500,000	-	-	-	-	\$3,340,073	\$3,340,073 BEYOND25
448	S340426-05 North Arlington-Lyndhurst Joint Meeting	-	-	\$3,527,000	-	-	-	-	\$4,688,749	\$4,688,749 BEYOND25
448	S340426-06 North Arlington-Lyndhurst Joint Meeting	-	-	\$150,000	-	-	-	-	\$218,940	\$218,940 BEYOND25
450	S340310-01 Rochelle Park Township	-	-	\$1,653,920	-	-	-	-	\$2,255,626	\$2,255,626 BEYOND25
451	S340338-04 Somerdale Borough	-	-	\$310,000	-	-	-	-	\$444,422	\$444,422 BEYOND25
452	S340840-01 Spring Lake Heights Borough	-	-	\$111,000	-	-	-	-	\$163,328	\$163,328 BEYOND25
453	S340330-01 Morris Plains Borough	-	-	\$335,000	-	-	-	-	\$479,390	\$479,390 BEYOND25
454	S340106-02 Neptune City Borough	-	-	\$300,000	-	-	-	-	\$430,399	\$430,399 BEYOND25
455	S340901-01 Highlands Borough	-	-	\$622,000	-	-	-	-	\$877,696	\$877,696 BEYOND25
456	S340129-01 Franklin Borough	-	-	\$2,000,000	-	-	-	-	\$2,718,518	\$2,718,518 BEYOND25
457	S340901-02 Highlands Borough	-	-	\$100,000	-	-	-	-	\$147,540	\$147,540 BEYOND25
458	S340502-05 Penns Grove Borough	-	-	\$800,000	-	-	-	-	\$1,122,734	\$1,122,734 BEYOND25
459	S340361-01 Roseland Borough	-	-	\$83,850	-	-	-	-	\$123,712	\$123,712 BEYOND25
460	S340362-01 Harrison Township	-	-	\$1,875,000	-	-	-	-	\$3,125,171	\$3,125,171 BEYOND25
461	S340326-07 Sayreville Borough	-	-	-	\$5,350,000	-	-	-	\$7,049,396	\$7,049,396 BEYOND25
462	S340472-01 Bradley Beach Borough	-	-	\$1,972,400	-	-	-	-	\$2,623,450	\$2,623,450 T 160831
463	S340440-04 Flemington Borough	-	-	\$1,200,000	-	-	-	-	\$1,645,877	\$1,645,877 BEYOND25
464	S340319-01 Medford Lakes Borough	-	-	\$200,000	-	-	-	-	\$289,789	\$289,789 BEYOND25
465	S340319-03 Medford Lakes Borough	-	-	\$7,940,000	-	-	-	-	\$10,610,800	\$10,610,800 T 160831
466	S340917-02 Delaware Township Municipal Utilities Authority	-	-	\$300,000	-	-	-	-	\$430,399	\$430,399 BEYOND25

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

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

Cat 3 - Sewer System Rehabilitation  
Cat 6 - Stormwater Management

467	S340882-08 Lambertville Municipal Utilities Authority	-	-	\$7,860,000	-	-	-	-	\$10,218,000	\$10,218,000 T 160831
468	S340367-03 Merchantville Borough	-	-	\$570,000	-	-	-	-	\$805,887	\$805,887 BEYOND25
469	S340842-01 High Bridge Borough	-	-	\$160,000	-	-	-	-	\$233,167	\$233,167 BEYOND25
470	S340504-02 Stanhope Borough	-	-	\$175,000	-	-	-	-	\$254,421	\$254,421 BEYOND25
471	S340109-01 Pohatcong Township	-	-	\$498,215	-	-	-	-	\$706,449	\$706,449 BEYOND25
472	S340956-02 Delanco Sewerage Authority	-	-	\$1,355,165	-	-	-	-	\$1,854,848	\$1,854,848 BEYOND25
473	S340023-06 Long Beach Township	-	-	\$2,640,000	-	-	-	-	\$3,524,481	\$3,524,481 BEYOND25
473	S340023-07 Long Beach Township	-	-	\$3,300,000	-	-	-	-	\$4,486,000	\$4,486,000 T 160831
475	S340257-02 Woodbury Heights Borough	-	-	\$1,345,000	-	-	-	-	\$1,841,186	\$1,841,186 BEYOND25
476	S340659-01 Sea Isle City	-	-	\$470,000	-	-	-	-	\$667,397	\$667,397 BEYOND25
477	S340970-02 Moonachie Borough	-	-	\$70,000	-	-	-	-	\$332,158	\$332,158 BEYOND25
478	S340849-01 Woodlynne Borough	-	-	\$3,203,000	-	-	-	-	\$4,264,056	\$4,264,056 BEYOND25
479	S340324-01 Alpha Borough	-	-	\$450,000	-	-	-	-	\$639,645	\$639,645 BEYOND25
480	S340335-01 Avon By The Sea Borough	-	-	-	-	-	\$200,000	-	\$3,973,856	\$3,973,856 BEYOND25
481	S340966-03 Lavallette Borough	-	-	\$1,856,130	-	-	-	-	\$2,526,304	\$2,526,304 BEYOND25
482	S340966-02 Lavallette Borough	-	-	\$300,000	-	-	-	-	\$430,399	\$430,399 BEYOND25
483	S340713-02 Weymouth Township Municipal Utilities Authority	-	-	\$400,000	-	-	-	-	\$570,013	\$570,013 BEYOND25
484	S340155-02 Sussex Borough	-	-	\$360,000	-	-	-	-	\$522,000	\$522,000 T 160831
485	S340822-01 Peapack Gladstone Borough	-	-	\$85,000	-	-	-	-	\$125,409	\$125,409 BEYOND25
486	S340738-03 Wyckoff Township	-	-	-	\$11,220,000	-	-	-	\$14,494,384	\$14,494,384 BEYOND25
487	S340567-04 Allentown Borough	-	-	\$225,000	-	-	-	-	\$570,013	\$570,013 BEYOND25
488	S340412-08 Deal Borough	-	-	\$900,000	-	-	-	-	\$1,259,960	\$1,259,960 BEYOND25
489	S340176-01 Island Heights Borough	-	-	\$272,900	-	-	-	-	\$392,454	\$392,454 BEYOND25
489	S340176-02 Island Heights Borough	-	-	\$69,370	-	-	-	-	\$102,348	\$102,348 BEYOND25
491	S340590-02 Bay Head Borough	-	-	\$1,635,000	-	-	-	-	\$2,230,279	\$2,230,279 BEYOND25

Cat 1 - Secondary/Sludge/Septage Treatment  
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Cat 2 - Advanced Treatment  
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Cat 3 - Sewer System Rehabilitation  
Cat 6 - Stormwater Management

492	S340311-03 Ship Bottom Borough	-	-	\$2,750,000	-	-	-	-	\$3,760,000	\$3,760,000 T 160831
493	S340509-02 Lebanon Borough Sewer Authority	-	-	\$141,650	-	-	-	-	\$207,090	\$207,090 BEYOND25
494	S340935-02 Mansfield Township	-	-	\$100,000	-	-	-	-	\$147,540	\$147,540 BEYOND25
495	S340761-02 Roosevelt Borough	-	-	\$1,100,000	-	-	-	-	\$1,522,661	\$1,522,661 BEYOND25
496	S340689-06 Passaic Valley Sewerage Commission	\$50,000,000	-	-	-	-	-	-	\$63,223,700	\$63,223,700 BEYOND25
496	S340683-05 Passaic Valley Sewerage Commission	\$105,400,000	-	-	-	-	-	-	\$132,505,940	\$132,505,940 BEYOND25
496	S340689-27 Passaic Valley Sewerage Commission	\$11,400,000	-	-	-	-	-	-	\$14,713,119	\$14,713,119 BEYOND25
499	S340902-17 Gloucester County Utilities Authority	\$8,527,000	-	-	-	-	-	-	\$9,784,160	\$9,784,160 T 160831
500	S340366-02 Camden City	\$470,000	-	-	-	-	-	-	\$667,397	\$667,397 BEYOND25
501	S340883-01 Asbury Park City	\$527,000	-	-	-	-	-	-	\$746,386	\$746,386 BEYOND25
502	S340815-18 Newark City	-	-	-	-	-	\$1,200,000	-	\$1,645,877	\$1,645,877 BEYOND25
503	S340820-03 Long Branch Sewer Authority	\$2,824,000	-	-	-	-	-	-	\$3,766,422	\$3,766,422 BEYOND25
504	S340902-13 Gloucester County Utilities Authority	\$10,800,000	-	-	-	-	-	-	\$13,982,306	\$13,982,306 BEYOND25
505	S340640-06-2/09-2/11-2 Camden County Municipal Utilities Authority	\$2,000,000	-	-	-	-	-	-	\$2,160,000	\$2,160,000 BEYOND25
506	S340687-05 Bergen County Utilities Authority	\$29,802,000	-	-	-	-	-	-	\$37,834,533	\$37,834,533 BEYOND25
507	S340686-03 Joint Meeting of Essex & Union Counties	\$15,000,000	-	-	-	-	-	-	\$19,257,315	\$19,257,315 BEYOND25
508	S340818-04 Burlington County	\$6,000,000	-	-	-	-	-	-	\$7,846,596	\$7,846,596 BEYOND25
509	S340809-28 Atlantic County Utilities Authority	\$1,500,000	-	-	-	-	-	-	\$2,049,114	\$2,049,114 BEYOND25
510	S340399-15 Hudson County Improvement Authority	\$15,603,000	-	-	-	-	-	-	\$20,024,455	\$20,024,455 BEYOND25
511	S340900-01 Hudson County Improvement Authority	-	-	-	\$21,091,000	-	-	-	\$26,962,839	\$26,962,839 BEYOND25
512	S340405-04 Atlantic County Utilities Authority	\$15,275,000	-	-	-	-	-	-	\$19,607,239	\$19,607,239 BEYOND25
513	S340801-08 Somerset Raritan Valley Sewer Authority	\$9,998,000	-	-	-	-	-	-	\$12,997,791	\$12,997,791 T 160831
514	S340661-09 Cape May County Municipal Utilities Authority	\$267,000	-	-	-	-	-	-	\$384,168	\$384,168 BEYOND25
514	S340661-06 Cape May County Municipal Utilities Authority	\$9,457,000	-	-	-	-	-	-	\$12,302,395	\$12,302,395 BEYOND25
516	S340410-09 Neptune Township Sewerage Authority	\$10,000,000	-	-	-	-	-	-	\$13,000,360	\$13,000,360 BEYOND25

Cat 1 - Secondary/Sludge/Septage Treatment  
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Cat 6 - Stormwater Management

517	S340819-02 Mount Holly Municipal Utilities Authority	\$3,920,000	-	-	-	-	-	-	\$5,203,507	\$5,203,507 BEYOND25
518	S340805-02 Milford Borough	-	-	\$456,000	-	-	-	-	\$4,076,260	\$4,076,260 BEYOND25
519	S340663-08 North Wildwood City	-	-	-	-	-	\$16,969,000	-	\$21,716,520	\$21,716,520 T 160831
520	S340119-01 Jersey City Redevelopment Agency	-	-	-	-	-	\$2,224,760	-	\$3,000,793	\$3,000,793 BEYOND25
521	S340701-10 West Milford Township	-	-	-	-	-	-	\$200,000	\$289,789	\$289,789 BEYOND25
522	S340965-01 Alloway Township	-	-	-	\$7,640,000	-	-	-	\$9,963,124	\$9,963,124 BEYOND25
523	S340946-02 Stafford Township	-	-	-	\$6,100,000	-	-	-	\$7,975,913	\$7,975,913 BEYOND25
524	S340638-03 Bridgewater Township	-	-	-	\$1,615,000	-	-	-	\$2,273,143	\$2,273,143 BEYOND25
525	S340626-04 West Wildwood Borough	-	-	-	\$37,400	-	-	-	\$55,180	\$55,180 BEYOND25
526	S340781-03 Raritan Borough	-	-	-	\$387,000	-	-	-	\$551,932	\$551,932 BEYOND25
527	S340607-03 Plumsted Township	-	-	-	\$8,333,528	-	-	-	\$16,789,494	\$16,789,494 BEYOND25
528	S340927-03 Hammonton Town	-	-	-	\$3,752,000	-	-	-	\$4,983,647	\$4,983,647 BEYOND25
529	S340699-11 Middlesex County Utilities Authority	\$17,250,000	-	-	-	-	-	-	\$22,117,020	\$22,117,020 BEYOND25
530	S340809-14 Atlantic County Utilities Authority	-	\$3,520,000	-	-	-	-	-	\$4,679,566	\$4,679,566 BEYOND25
531	S340809-11 Atlantic County Utilities Authority	-	\$5,800,000	-	-	-	-	-	\$7,602,671	\$7,602,671 BEYOND25
532	S340661-07 Cape May County Municipal Utilities Authority	\$1,691,303	-	-	-	-	-	-	\$2,305,676	\$2,305,676 BEYOND25
533	S340945-04 Old Bridge Municipal Utilities Authority	-	-	-	\$25,990,000	-	-	-	\$33,032,119	\$33,032,119 BEYOND25
534	S340929-01 Wayne Township	-	-	-	\$1,360,000	-	-	-	\$1,861,346	\$1,861,346 BEYOND25
535	S340437-03 New Brunswick City	-	-	\$675,000	-	-	-	-	\$950,799	\$950,799 BEYOND25
536	S340892-02 Galloway Township	-	-	-	\$4,300,000	-	-	-	\$5,700,971	\$5,700,971 BEYOND25
537	S340895-02 Winslow Township	-	-	-	\$2,003,045	-	-	-	\$2,722,374	\$2,722,374 BEYOND25
538	S340875-01 Voorhees Township	-	-	-	\$4,246,200	-	-	-	\$5,630,570	\$5,630,570 BEYOND25
539	S340304-01 Freehold Township	-	-	-	\$3,678,000	-	-	-	\$4,886,714	\$4,886,714 BEYOND25
540	S340526-03 Gloucester County Utilities Authority	-	-	-	\$281,000	-	-	-	\$2,911,180	\$2,911,180 BEYOND25
541	S340485-04 Raritan Township Municipal Utilities Authority	\$6,570,000	-	-	-	-	-	-	\$8,583,061	\$8,583,061 BEYOND25

Cat 1 - Secondary/Sludge/Septage Treatment  
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542	S340897-01 South Brunswick Township	-	-	-	\$896,000	-	-	-	\$1,254,485	\$1,254,485 BEYOND25
543	S340478-05 Rockaway Township	-	-	-	\$8,077,000	-	-	-	\$17,510,632	\$17,510,632 BEYOND25
544	S340710-03 Maple Shade Township	\$347,526	-	-	-	-	-	-	\$496,861	\$496,861 BEYOND25
545	S340931-02 Montville Township	-	-	-	\$12,820,000	-	-	-	\$16,484,390	\$16,484,390 BEYOND25
546	S340650-03 Manchester Township	-	-	-	\$6,872,000	-	-	-	\$8,972,628	\$8,972,628 BEYOND25
547	S340959-02 North Arlington Borough	-	-	-	\$500,000	-	-	-	\$708,917	\$708,917 BEYOND25
548	S340382-02 Bernards Township Sewerage Authority	-	-	-	\$380,000	-	-	-	\$542,184	\$542,184 BEYOND25
549	S340461-04 Gloucester County Utilities Authority	-	-	-	\$5,481,000	-	-	-	\$7,211,095	\$7,211,095 BEYOND25
550	S340418-05 Oakland Borough	-	-	-	\$32,200,000	-	-	-	\$40,854,622	\$40,854,622 BEYOND25
551	S340745-02 Vernon Township	-	-	-	\$5,050,000	-	-	-	\$6,677,126	\$6,677,126 BEYOND25
552	S340434-02 Wanaque Borough	-	-	-	\$212,000	-	-	-	\$306,771	\$306,771 BEYOND25
553	S340592-03 Mahwah Township	-	-	-	\$6,862,000	-	-	-	\$9,194,418	\$9,194,418 BEYOND25
554	S340760-03 Wantage Township	-	-	-	\$402,000	-	-	-	\$572,805	\$572,805 BEYOND25
555	S340403-05 Chatham Township	\$500,000	-	-	-	-	-	-	\$708,917	\$708,917 BEYOND25
556	S340634-03 Bloomingdale Borough	-	-	-	\$2,842,000	-	-	-	\$3,790,064	\$3,790,064 BEYOND25
557	S340909-01 Upper Saddle River Borough	-	-	-	\$991,000	-	-	-	\$1,384,609	\$1,384,609 BEYOND25
558	S340404-05 Long Hill Township	-	-	-	\$11,221,000	-	-	-	\$14,495,600	\$14,495,600 BEYOND25
559	S340650-05 Manchester Township	-	-	-	\$10,644,000	-	-	-	\$13,791,502	\$13,791,502 BEYOND25
560	S340957-01 Fairfield Township	-	-	-	\$5,582,500	-	-	-	\$7,336,023	\$7,336,023 BEYOND25
561	S340705-03 Carlstadt Sewerage Authority	-	-	-	\$4,026,000	-	-	-	\$5,342,181	\$5,342,181 BEYOND25
562	S340737-01 Mahwah Township	\$158,000	-	-	-	-	-	-	\$230,325	\$230,325 BEYOND25
563	S340759-02 Sussex County Municipal Utilities Authority	-	-	-	\$1,000,000	-	-	-	\$7,234,628	\$7,234,628 BEYOND25
564	S340489-03 Wharton Borough	-	-	-	\$421,000	-	-	-	\$599,302	\$599,302 BEYOND25
565	S340790-02 Berlin Township	-	-	-	\$600,000	-	-	-	\$847,274	\$847,274 BEYOND25
566	S340742-02 Frankford Township	-	-	-	\$2,007,000	-	-	-	\$2,727,380	\$2,727,380 BEYOND25

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Cat 2 - Advanced Treatment  
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Cat 3 - Sewer System Rehabilitation  
Cat 6 - Stormwater Management

567	S340568-02 Blairstown Township	-	-	-	\$1,092,000	-	-	-	\$1,512,694	\$1,512,694 BEYOND25
568	S340473-01 Riverdale Borough	-	-	-	\$3,265,000	-	-	-	\$4,345,404	\$4,345,404 BEYOND25
568	S340729-01 Riverdale Borough	-	-	-	\$1,273,000	-	-	-	\$1,744,301	\$1,744,301 BEYOND25
570	S340592-06 Mahwah Township	-	-	-	\$3,896,000	-	-	-	\$5,532,128	\$5,532,128 BEYOND25
571	S340652-06 North Bergen Municipal Utilities Authority	-	-	-	\$3,000,000	-	-	-	\$3,997,392	\$3,997,392 BEYOND25
572	S340445-02 Oxford Township	-	-	-	\$125,000	-	-	-	\$183,343	\$183,343 BEYOND25
573	S340838-01 Evesham Municipal Utilities Authority	\$2,747,000	-	-	-	-	-	-	\$3,665,234	\$3,665,234 BEYOND25
574	S340487-02 Kinnelon Borough	-	-	-	\$7,641,000	-	-	-	\$9,964,412	\$9,964,412 BEYOND25
575	S340872-01 Hope Township	\$356,000	-	-	-	-	-	-	\$508,696	\$508,696 BEYOND25
576	S340480-06 Pequannock Township	-	-	-	\$7,152,000	-	-	-	\$9,333,821	\$9,333,821 BEYOND25
577	S340930-01 Washington Township	-	-	-	\$2,496,000	-	-	-	\$3,335,192	\$3,335,192 BEYOND25
578	S340650-06 Manchester Township	-	-	-	\$2,500,000	-	-	-	\$3,340,073	\$3,340,073 BEYOND25
579	S340619-03 Upper Township	-	-	-	\$1,707,000	-	-	-	\$2,326,681	\$2,326,681 BEYOND25
580	S340480-05 Pequannock Township	-	-	-	\$4,838,000	-	-	-	\$6,403,679	\$6,403,679 BEYOND25
581	S340740-02 Branchville Borough	-	-	-	\$1,900,000	-	-	-	\$2,584,971	\$2,584,971 BEYOND25
582	S340961-01 Southampton Township	-	-	-	\$1,806,000	-	-	-	\$2,459,208	\$2,459,208 BEYOND25
583	S340831-01 Shamong Township	\$1,988,000	-	-	-	-	-	-	\$2,702,506	\$2,702,506 BEYOND25
584	S340271-01 Millstone Borough	-	-	-	\$2,500,000	-	-	-	\$3,340,073	\$3,340,073 BEYOND25
585	S340836-01 Plainsboro Township	-	-	-	\$1,530,000	-	-	-	\$2,089,419	\$2,089,419 BEYOND25
586	S340918-01 Clayton Borough	-	-	-	\$829,026	-	-	-	\$1,162,637	\$1,162,637 BEYOND25
587	S340870-01 Pennsville Sewerage Authority	-	-	-	\$1,581,000	-	-	-	\$2,157,878	\$2,157,878 BEYOND25
588	S340833-01 Buena Borough Municipal Utilities Authority	\$509,000	-	-	-	-	-	-	\$721,415	\$721,415 BEYOND25
589	S340438-01 Cumberland County	-	-	-	-	-	-	-	\$7,846,596	\$7,846,596 BEYOND25
589	S340480-03 Pequannock Township	-	-	-	\$1,200,000	-	-	-	\$1,645,877	\$1,645,877 BEYOND25
590	S340594-02 Lincoln Park Borough	-	-	-	\$3,189,000	-	-	-	\$4,245,681	\$4,245,681 BEYOND25

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

Cat 3 - Sewer System Rehabilitation  
Cat 6 - Stormwater Management

591	S340433-08 Woodbridge Township	-	-	-	\$25,000	-	-	-	\$36,885	\$36,885 BEYOND25
592	S340689-17 Passaic Valley Sewerage Commission	-	-	-	-	-	\$2,268,000	-	\$3,054,560	\$3,054,560 BEYOND25
593	S340366-11 Camden City	-	-	-	-	-	\$1,500,000	-	\$2,049,114	\$2,049,114 BEYOND25
594	S340635-03 Hoboken City	-	-	-	-	-	\$50,000	-	\$73,770	\$73,770 BEYOND25
595	S340969-11 Berkeley Township	-	-	-	-	-	\$275,400	-	\$395,962	\$395,962 BEYOND25
596	S340439-01 Atlantic City	-	-	-	-	-	\$14,664,345	-	\$18,830,939	\$18,830,939 BEYOND25
596	S340439-02 Atlantic City	-	-	-	-	-	\$6,784,000	-	\$8,859,157	\$8,859,157 BEYOND25
596	S340439-03 Atlantic City	-	-	-	-	-	\$1,828,000	-	\$2,488,662	\$2,488,662 BEYOND25
599	S340650-07 Manchester Township	-	-	-	-	-	\$350,000	-	\$500,308	\$500,308 BEYOND25
600	S340382-04 Bernards Township	-	-	-	-	-	\$1,410,000	-	\$1,928,489	\$1,928,489 BEYOND25
601	S340029-04 Secaucus Town	-	-	-	-	-	\$1,731,340	-	\$2,359,234	\$2,359,234 BEYOND25
601	S340029-03 Secaucus Town	-	-	-	-	\$1,650,000	-	-	\$2,250,375	\$2,250,375 BEYOND25
603	S340883-07 Asbury Park City	-	-	-	-	-	\$500,000	-	\$708,917	\$708,917 BEYOND25
604	S340146-01 Richard Stockton College	-	-	-	-	-	\$420,000	-	\$597,909	\$597,909 BEYOND25
604	S340146-03 Richard Stockton College	-	-	-	-	-	\$21,000,000	-	\$26,849,966	\$26,849,966 BEYOND25
604	S340146-02 Richard Stockton College	-	-	-	-	-	\$2,230,000	-	\$3,007,318	\$3,007,318 BEYOND25
607	S340209-02 Belmar Borough	-	-	-	-	-	\$403,000	-	\$574,201	\$574,201 BEYOND25
608	S340432-01 Woolwich Township	-	-	-	\$2,700,000	-	-	-	\$25,227,238	\$25,227,238 BEYOND25
609	S340170-08 Cinnaminson Sewerage Authority	-	-	-	\$620,000	-	-	-	\$899,000	\$899,000 T 160831
610	S340958-07 Gloucester City	-	-	-	\$76,110	-	-	-	\$112,292	\$112,292 T 150831
611	S340778-04 Totowa Borough	-	-	\$350,000	-	-	-	-	\$420,000	\$420,000 BEYOND25
612	S340752-02 Pleasantville City	-	-	-	-	-	\$145,000	-	\$686,789	\$686,789 BEYOND25
613	S340506-02 Cranbury Township	-	-	-	\$2,700,000	-	-	-	\$3,603,428	\$3,603,428 BEYOND25
614	S340438-01 Cumberland County	-	-	\$12,000,000	-	-	-	-	\$15,693,192	\$15,693,192 BEYOND25
615	S340359-02 Greenwich Township	-	-	-	\$1,700,000	-	-	-	\$2,140,000	\$2,140,000 T 160831

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

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

Cat 3 - Sewer System Rehabilitation  
Cat 6 - Stormwater Management

616	S340817-02 Mount Holly Municipal Utilities Authority	\$1,102,000	-	-	-	-	-	-	\$1,525,150	\$1,525,150 BEYOND25
617	S340902-01 Gloucester County Utilities Authority	\$3,723,000	-	-	-	-	-	-	\$4,945,666	\$4,945,666 BEYOND25
618	S340801-03 Somerset Raritan Valley Sewer Authority	\$1,054,000	-	-	-	-	-	-	\$1,465,130	\$1,465,130 BEYOND25
619	S340844-03 Clifton City	-	-	\$3,300,000	-	-	-	-	\$4,391,306	\$4,391,306 BEYOND25
620	S340700-11 Northwest Bergen County Utilities Authority	-	-	-	\$4,850,000	-	-	-	\$6,419,326	\$6,419,326 BEYOND25
621	S340804-03 Salem County	\$5,162,000	-	-	-	-	-	-	\$6,816,427	\$6,816,427 BEYOND25
622	S340806-03 Parsippany Troy Hills Township	\$246,000	-	-	-	-	-	-	\$354,638	\$354,638 BEYOND25
623	S340700-05 Northwest Bergen County Utilities Authority	\$1,683,000	-	-	-	-	-	-	\$2,294,564	\$2,294,564 BEYOND25
624	S340935-03 Mansfield Township	-	-	-	\$8,750,000	-	-	-	\$11,392,714	\$11,392,714 BEYOND25
625	S340240-02 Plainfield Municipal Utilities Authority	-	-	-	\$3,000,000	-	-	-	\$3,997,392	\$3,997,392 BEYOND25
626	S340753-05 Egg Harbor Township Municipal Utilities Authority	-	-	-	\$640,440	-	-	-	\$903,160	\$903,160 BEYOND25
627	S340638-05 Bridgewater Township	-	-	-	-	-	\$557,432	-	\$788,517	\$788,517 BEYOND25
628	S340969-08 Berkeley Township Sewer Authority	-	-	-	\$4,633,812	-	-	-	\$6,137,256	\$6,137,256 BEYOND25
628	S340969-09 Berkeley Township Sewer Authority	-	-	-	\$3,155,818	-	-	-	\$4,202,120	\$4,202,120 BEYOND25
630	S340865-01 West Orange Township	-	-	-	\$847,000	-	-	-	\$12,117,146	\$12,117,146 BEYOND25
631	S340832-02 Manasquan River Regional Sewerage Authority	-	-	-	\$3,467,000	-	-	-	\$4,610,126	\$4,610,126 BEYOND25
632	S340282-01 Hopewell Township	-	-	-	\$18,685,618	-	-	-	\$23,940,222	\$23,940,222 BEYOND25
633	S340099-02 Hillsborough Township	-	-	-	\$1,111,000	-	-	-	\$1,536,339	\$1,536,339 BEYOND25
634	S340892-09 Galloway Township	-	-	-	\$675,250	-	-	-	\$951,143	\$951,143 BEYOND25
635	S340954-01 Cherry Hill Township	-	-	-	\$456,000	-	-	-	\$1,276,427	\$1,276,427 BEYOND25
636	S340649-02 Pemberton Township Municipal Utilities Authority	-	-	-	\$1,500,000	-	-	-	\$13,000,360	\$13,000,360 BEYOND25
637	S340895-05 Winslow Township	-	-	-	\$3,600,000	-	-	-	\$4,784,482	\$4,784,482 BEYOND25
637	S340895-04 Winslow Township	-	-	-	\$1,702,050	-	-	-	\$2,320,058	\$2,320,058 BEYOND25
639	S340066-01 Deptford Township Municipal Utilities Authority	-	-	-	\$1,223,600	-	-	-	\$1,677,717	\$1,677,717 BEYOND25
640	S340946-06 Stafford Township	-	-	-	-	-	\$1,224,750	-	\$1,679,268	\$1,679,268 BEYOND25

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

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

Cat 3 - Sewer System Rehabilitation  
Cat 6 - Stormwater Management

641	S340903-02 Hamilton Township Municipal Utilities Authority	-	-	-	\$2,044,000	-	-	-	\$2,774,147	\$2,774,147 BEYOND25
642	S340847-05 Cliffside Park Borough	-	-	\$2,000,000	-	-	-	-	\$2,718,518	\$2,718,518 BEYOND25
643	S340939-04 Carteret Borough	-	-	-	\$1,650,000	-	-	-	\$2,250,375	\$2,250,375 BEYOND25
644	S340632-07 Randolph Township	-	-	-	\$3,550,000	-	-	-	\$8,842,391	\$8,842,391 BEYOND25
645	S340446-06 Edgewater Borough	-	-	-	\$1,617,960	-	-	-	\$2,207,442	\$2,207,442 BEYOND25
646	S340869-02 Aberdeen Township	-	-	-	-	-	\$1,500,000	-	\$8,413,107	\$8,413,107 BEYOND25
647	S340321-02 Montclair State University	-	-	-	\$3,500,000	-	-	-	\$6,614,815	\$6,614,815 BEYOND25
648	S340491-02 West Windsor Township	-	-	-	\$400,000	-	-	-	\$570,013	\$570,013 BEYOND25
649	S340545-04 Glassboro Borough	-	-	-	\$2,977,660	-	-	-	\$3,968,099	\$3,968,099 BEYOND25
650	S340839-03 Franklin Township	-	\$1,200,000	-	-	-	-	-	\$1,645,877	\$1,645,877 BEYOND25
651	S340495-04 Sparta Township	-	-	-	\$2,081,600	-	-	-	\$2,821,542	\$2,821,542 BEYOND25
652	S340803-03 Hackettstown Municipal Utilities Authority	\$451,000	-	-	-	-	-	-	\$641,034	\$641,034 BEYOND25
653	S340919-02 Holmdel Township	-	-	-	\$32,050,000	-	-	-	\$40,665,789	\$40,665,789 BEYOND25
654	S340203-01 Woodland Park Borough	-	-	-	\$1,500,000	-	-	-	\$2,049,114	\$2,049,114 BEYOND25
654	S340778-05 Woodland Park Borough	-	-	-	\$517,868	-	-	-	\$733,721	\$733,721 BEYOND25
656	S340163-01 Waterford Township Municipal Utilities Authority	-	-	-	\$2,474,705	-	-	-	\$3,309,185	\$3,309,185 BEYOND25
657	S340362-06 Harrison Township	\$16,630,915	-	-	-	-	-	-	\$21,330,926	\$21,330,926 BEYOND25
658	S340123-01 Logan Township Municipal Utilities Authority	\$7,500,000	-	-	-	-	-	-	\$17,350,281	\$17,350,281 BEYOND25
658	S340830-01 Bedminster Township	-	\$35,000,000	-	-	-	-	-	\$44,376,955	\$44,376,955 BEYOND25
659	S340816-04 Bernardsville Borough	-	-	\$455,000	-	-	-	-	\$646,588	\$646,588 BEYOND25
660	S340258-01 Cape May City	-	-	-	\$250,000	-	-	-	\$360,245	\$360,245 BEYOND25
661	S340282-02 Hopewell Township	-	-	-	\$2,603,110	-	-	-	\$3,475,917	\$3,475,917 BEYOND25
662	S340123-01 Logan Township Municipal Utilities Authority	\$4,240,000	-	-	-	-	-	-	\$8,021,481	\$8,021,481 T 160831
663	S340235-02 Salem City	-	-	-	-	-	\$1,119,000	-	\$1,546,267	\$1,546,267 BEYOND25
664	S340664-04 Wildwood City	-	-	-	-	-	\$9,500,000	-	\$12,357,700	\$12,357,700 BEYOND25

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

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

Cat 3 - Sewer System Rehabilitation  
Cat 6 - Stormwater Management

665	S340368-02 East Greenwich Township	-	-	-	\$2,050,000	-	-	-	\$2,781,719	\$2,781,719 BEYOND25
665	S340368-01 East Greenwich Township	-	-	-	\$464,800	-	-	-	\$660,187	\$660,187 BEYOND25
667	S340664-02 Wildwood City	-	-	-	-	-	\$1,831,000	-	\$2,492,677	\$2,492,677 BEYOND25
668	S340663-05 North Wildwood City	-	-	-	-	-	\$1,314,850	-	\$1,800,638	\$1,800,638 BEYOND25
669	S340518-05 Buena Borough Municipal Utilities Authority	-	-	-	\$3,942,400	-	-	-	\$5,232,801	\$5,232,801 BEYOND25
670	S340370-01 Woodbine Municipal Utilities Authority	-	-	-	\$3,500,000	-	-	-	\$12,630,925	\$12,630,925 BEYOND25
671	S340078-01 Weymouth Township Municipal Utilities Authority	-	-	\$162,525	-	-	-	-	\$236,752	\$236,752 BEYOND25
672	S340359-01 Greenwich Township	-	-	-	\$1,000,000	-	-	-	\$11,199,679	\$11,199,679 BEYOND25
673	S340876-02 Chester Borough	-	\$132,000	-	-	-	-	-	\$1,191,434	\$1,191,434 BEYOND25
674	S340955-01 Commercial Township	-	-	-	\$2,854,000	-	-	-	\$9,207,328	\$9,207,328 BEYOND25
675	S340649-04 Pemberton Township Municipal Utilities Authority	-	-	-	-	-	-	\$880,000	\$1,232,571	\$1,232,571 BEYOND25
676	S340794-06 Delran Sewerage Authority	-	-	-	-	-	\$871,000	-	\$1,220,236	\$1,220,236 BEYOND25
677	S340488-06 Hopatcong Borough	-	-	-	-	-	\$400,000	-	\$570,013	\$570,013 BEYOND25
678	S340170-05 Cinnaminson Township	-	-	-	-	-	\$455,350	-	\$647,074	\$647,074 BEYOND25
679	S340140-01 Burlington City	-	-	-	-	-	\$624,000	-	\$904,800	\$904,800 T 170831
680	S340030-02 Palmyra Borough	-	-	-	-	-	\$238,000	-	\$343,408	\$343,408 BEYOND25
681	S340450-01 Manasquan Borough	-	-	-	-	-	\$3,817,500	-	\$5,069,400	\$5,069,400 BEYOND25
682	S340915-07 Hightstown Borough	-	-	-	-	-	\$335,000	-	\$479,390	\$479,390 BEYOND25
683	S340664-05 Wildwood City	-	-	-	-	-	\$12,050,000	-	\$15,183,000	\$15,183,000 T 160831
684	S340626-05 West Wildwood Borough	-	-	-	-	-	\$1,500,000	-	\$1,890,000	\$1,890,000 T 160831
685	S340858-04 Cranford Township	-	-	-	-	-	\$9,062,729	-	\$11,795,031	\$11,795,031 BEYOND25
686	S340858-05 Cranford Township	-	-	-	-	-	\$130,000	-	\$190,491	\$190,491 BEYOND25
687	S340927-04 Hammonton Town	-	-	-	-	-	\$170,000	-	\$247,348	\$247,348 BEYOND25
688	S340967-02 Matawan Borough	-	-	-	-	-	\$3,310,000	-	\$4,404,418	\$4,404,418 BEYOND25
688	S340967-03 Matawan Borough	-	-	-	-	-	\$200,000	-	\$289,789	\$289,789 BEYOND25

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

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

Cat 3 - Sewer System Rehabilitation  
Cat 6 - Stormwater Management

690	S340438-02 Downe Township	-	-	-	-	-	\$12,750,000	-	\$16,395,206	\$16,395,206 BEYOND25
691	S340788-05 Monmouth County	-	-	-	-	-	-	\$655,000	\$923,244	\$923,244 BEYOND25
692	S340525-01 Camden County	-	-	-	-	-	\$560,000	-	\$792,068	\$792,068 BEYOND25
692	S340525-03 Camden County	-	-	-	-	-	-	\$552,498	\$781,693	\$781,693 BEYOND25
692	S340525-02 Camden County	-	-	-	-	-	-	\$1,235,097	\$1,693,221	\$1,693,221 BEYOND25
695	S340280-01 Union County	-	-	-	-	-	\$3,776,000	-	\$5,015,073	\$5,015,073 BEYOND25
696	S340818-07 Burlington County	-	-	-	-	-	\$1,600,000	-	\$2,183,362	\$2,183,362 BEYOND25
697	S340818-05 Burlington County Bridge Commission	-	-	-	-	-	\$4,500,000	-	\$5,962,475	\$5,962,475 BEYOND25
698	S340815-11 Newark City	-	-	-	-	-	\$23,397,048	-	\$29,876,122	\$29,876,122 BEYOND25
699	S340156-01 Atlantic County	-	-	-	-	-	\$814,000	-	\$1,141,988	\$1,141,988 BEYOND25
700	S340809-20 Atlantic County Utilities Authority	-	-	-	-	-	\$400,000	-	\$570,013	\$570,013 BEYOND25
700	S340809-19 Atlantic County Utilities Authority	-	-	-	-	-	\$1,100,000	-	\$1,522,661	\$1,522,661 BEYOND25
702	S340145-02 Toms River Township	-	-	-	-	-	\$750,000	-	\$1,054,062	\$1,054,062 BEYOND25
703	S340640-14-1 Camden County Municipal Utilities Authority	-	-	-	-	-	\$750,000	-	\$1,620,000	\$1,620,000 BEYOND25
704	S340844-04 Clifton City	-	-	-	-	-	\$1,715,000	-	\$2,337,382	\$2,337,382 BEYOND25
705	S340097-01 Middletown Township	-	-	-	-	-	\$3,000,000	-	\$3,997,392	\$3,997,392 BEYOND25
705	S340097-03 Middletown Township	-	-	-	-	-	\$100,000	-	\$147,540	\$147,540 BEYOND25
707	S340945-12 Old Bridge Township	-	-	-	-	-	\$10,000,000	-	\$13,000,360	\$13,000,360 BEYOND25
708	S340364-11 Gloucester Township	-	-	-	-	-	\$1,058,571	-	\$1,470,871	\$1,470,871 BEYOND25
708	S340364-14 Gloucester Township	-	-	-	-	-	\$1,003,200	-	\$1,400,973	\$1,400,973 BEYOND25
708	S340364-15 Gloucester Township	-	-	-	-	-	\$1,017,924	-	\$1,369,058	\$1,369,058 T 160831
711	S340421-01 New Jersey Water Supply Authority	-	-	-	-	-	-	\$28,682,710	\$36,425,562	\$36,425,562 BEYOND25
712	S340240-01 Plainfield City	-	-	-	-	-	\$70,000	-	\$103,278	\$103,278 BEYOND25
712	S340240-03 Plainfield City	-	-	-	-	-	\$961,125	-	\$1,343,743	\$1,343,743 BEYOND25
712	S340240-05 Plainfield City	-	-	-	-	-	\$41,000	-	\$60,491	\$60,491 BEYOND25

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

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

Cat 3 - Sewer System Rehabilitation  
Cat 6 - Stormwater Management

715	S340969-12 Berkeley Township	-	-	-	-	-	\$644,525	-	\$908,797	\$908,797 BEYOND25
715	S340969-10 Berkeley Township	-	-	-	-	-	\$644,525	-	\$773,430	\$773,430 BEYOND25
717	S340943-04 Mount Laurel Township	-	-	-	-	-	\$8,000,000	-	\$10,426,744	\$10,426,744 BEYOND25
718	S340892-07 Galloway Township	-	-	-	-	-	\$503,985	-	\$714,452	\$714,452 BEYOND25
719	S340410-06 Neptune Township	-	-	-	-	-	\$500,000	-	\$708,917	\$708,917 BEYOND25
719	S340410-07 Neptune Township	-	-	-	-	-	\$4,000,000	-	\$5,308,104	\$5,308,104 BEYOND25
719	S340410-08 Neptune Township	-	-	-	-	-	\$1,000,000	-	\$1,396,910	\$1,396,910 BEYOND25
722	S340397-03 Ewing Township	-	-	-	-	-	\$126,400	-	\$185,346	\$185,346 BEYOND25
722	S340397-01 Ewing Township	-	-	-	-	-	-	\$325,000	\$465,419	\$465,419 BEYOND25
724	S340423-04 Monroe Township	-	-	-	-	-	\$220,000	-	\$318,067	\$318,067 BEYOND25
725	S340268-01 Marlboro Township	-	-	-	-	-	\$7,300,000	-	\$9,524,777	\$9,524,777 BEYOND25
726	S340546-03 Rahway City	-	-	-	-	-	\$531,000	-	\$1,483,949	\$1,483,949 BEYOND25
727	S340750-04 Ocean Township	-	-	-	-	-	\$855,000	-	\$1,198,294	\$1,198,294 BEYOND25
728	S340283-02 Maplewood Township	-	-	-	-	-	\$4,130,500	-	\$5,479,091	\$5,479,091 BEYOND25
729	S340939-09 Carteret Borough	-	-	-	-	-	\$3,500,000	-	\$4,653,327	\$4,653,327 BEYOND25
729	S340939-08 Carteret Borough	-	-	-	-	-	\$1,000,000	-	\$1,396,910	\$1,396,910 BEYOND25
731	S340346-02 Medford Township	-	-	-	-	-	\$3,600,000	-	\$4,784,482	\$4,784,482 BEYOND25
732	S340968-03 Hazlet Township	-	-	-	-	-	\$95,000	-	\$140,163	\$140,163 BEYOND25
732	S340906-04 Hillside Township	-	-	-	-	-	\$305,500	-	\$748,257	\$748,257 BEYOND25
732	S340968-02 Hazlet Township	-	-	-	-	-	\$290,000	-	\$416,419	\$416,419 BEYOND25
735	S340537-05 Mount Olive Township	-	-	-	-	-	\$904,823	-	\$1,266,579	\$1,266,579 BEYOND25
736	S340922-05 Dumont Borough	-	-	-	-	-	\$3,600,000	-	\$4,784,482	\$4,784,482 BEYOND25
737	S340927-09 Hammonton Town	-	-	-	-	-	\$1,294,690	-	\$1,773,507	\$1,773,507 BEYOND25
738	S340385-03 Berkeley Heights Township	-	-	-	-	-	\$350,000	-	\$500,308	\$500,308 BEYOND25
739	S340938-02 Highland Park Borough	-	-	-	-	-	\$335,000	-	\$479,390	\$479,390 BEYOND25

Cat 1 - Secondary/Sludge/Septage Treatment  
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Cat 2 - Advanced Treatment  
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Cat 3 - Sewer System Rehabilitation  
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740	S340157-01 Ringwood Borough	-	-	-	-	-	\$325,000	-	\$465,419	\$465,419 BEYOND25
741	S340474-01 New Providence Borough	-	-	-	-	-	\$150,000	-	\$180,000	\$180,000 BEYOND25
742	S340329-02 Hasbrouck Heights Borough	-	-	-	-	-	\$5,000,000	-	\$6,614,815	\$6,614,815 BEYOND25
743	S340208-01 Beachwood Borough	-	-	-	-	-	\$290,000	-	\$416,419	\$416,419 BEYOND25
744	S340163-02 Waterford Township	-	-	-	-	-	\$350,000	-	\$500,308	\$500,308 BEYOND25
745	S340716-05 Little Falls Township	-	-	-	-	-	\$882,500	-	\$1,235,996	\$1,235,996 BEYOND25
745	S340716-06 Little Falls Township	-	-	-	-	-	\$830,000	-	\$1,163,975	\$1,163,975 BEYOND25
747	S340618-02 Somers Point City	-	-	-	-	-	\$3,920,000	-	\$5,203,507	\$5,203,507 BEYOND25
747	S340618-04 Somers Point City	-	-	-	-	-	\$750,500	-	\$1,054,749	\$1,054,749 BEYOND25
747	S340618-03 Somers Point City	-	-	-	-	-	\$800,000	-	\$1,122,734	\$1,122,734 BEYOND25
750	S340817-05 Mount Holly Township	-	-	-	-	-	\$115,000	-	\$169,048	\$169,048 BEYOND25
751	S340667-03 Ventnor City	-	-	-	-	-	\$999,740	-	\$1,396,554	\$1,396,554 BEYOND25
751	S340667-02-1 Ventnor City	-	-	-	-	-	\$4,629,630	-	\$5,000,000	\$5,000,000 BEYOND25
751	S340667-02 Ventnor City	-	-	-	-	-	\$7,255,014	-	\$9,466,743	\$9,466,743 BEYOND25
754	S340118-03 Keansburg Borough	-	-	-	-	-	\$1,350,000	-	\$1,847,907	\$1,847,907 BEYOND25
755	S340827-06 Brigantine City	-	-	-	-	-	\$618,792	-	\$873,263	\$873,263 BEYOND25
755	S340827-07 Brigantine City	-	-	-	-	-	\$710,360	-	\$999,476	\$999,476 BEYOND25
755	S340827-05 Brigantine City	-	-	-	-	-	\$3,322,017	-	\$4,420,173	\$4,420,173 BEYOND25
758	S340188-01 River Vale Township	-	-	-	-	-	\$850,000	-	\$1,191,434	\$1,191,434 BEYOND25
759	S340126-01 Millstone Township	-	-	-	-	-	\$250,000	-	\$360,245	\$360,245 BEYOND25
760	S340569-04 Byram Township	-	-	-	-	-	\$127,500	-	\$186,919	\$186,919 BEYOND25
760	S340569-03 Byram Township	-	-	-	-	-	\$150,000	-	\$218,940	\$218,940 BEYOND25
762	S340166-01 Edgewater Park Township	-	-	-	-	-	\$1,500,000	-	\$2,049,114	\$2,049,114 BEYOND25
763	S340265-01 Boonton Town	-	-	-	-	-	\$250,000	-	\$360,245	\$360,245 BEYOND25
764	S340914-03 Bogota Borough	-	-	-	-	-	\$5,000,000	-	\$6,614,815	\$6,614,815 BEYOND25

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

Cat 2 - Advanced Treatment  
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Cat 3 - Sewer System Rehabilitation  
Cat 6 - Stormwater Management

764	S340914-02 Bogota Borough	-	-	-	-	-	\$300,000	-	\$430,399	\$430,399 BEYOND25
766	S340146-04 Richard Stockton College	-	-	-	-	-	\$857,000	-	\$1,201,038	\$1,201,038 BEYOND25
767	S340239-01 Wood-Ridge Borough	-	-	-	-	-	\$455,132	-	\$646,771	\$646,771 BEYOND25
768	S340267-01 Keyport Borough	-	-	-	-	-	-	\$100,000	\$360,245	\$360,245 BEYOND25
769	S340374-01 Cresskill Borough	-	-	-	-	-	\$310,000	-	\$444,422	\$444,422 BEYOND25
770	S340105-01 Westampton Township	-	-	-	-	-	\$200,000	-	\$289,789	\$289,789 BEYOND25
771	S340217-01 Linwood City	-	-	-	-	-	\$665,000	-	\$937,026	\$937,026 BEYOND25
772	S340164-01 Paulsboro Borough	-	-	-	-	-	\$1,640,000	-	\$2,236,978	\$2,236,978 BEYOND25
773	S340209-03 Belmar Borough	-	-	-	-	-	\$64,000	-	\$94,425	\$94,425 BEYOND25
774	S340308-02 Berlin Borough	-	-	-	-	-	\$220,000	-	\$722,804	\$722,804 BEYOND25
774	S340308-01 Berlin Borough	-	-	-	-	-	\$500,000	-	\$708,917	\$708,917 BEYOND25
776	S340790-03 Berlin Township	-	-	-	-	-	\$942,123	-	\$1,317,721	\$1,317,721 BEYOND25
777	S340338-03 Somerdale Borough	-	-	-	-	-	\$952,350	-	\$1,331,729	\$1,331,729 BEYOND25
778	S340169-01 Englewood Cliffs Borough	-	-	\$300,000	-	-	-	-	\$430,399	\$430,399 BEYOND25
779	S340446-07 Edgewater Borough	-	-	-	-	-	\$2,000,000	-	\$2,718,518	\$2,718,518 BEYOND25
779	S340901-04 Highlands Borough	-	-	-	-	-	\$552,500	-	\$781,697	\$781,697 BEYOND25
779	S340901-03 Highlands Borough	-	-	-	-	-	\$3,230,000	-	\$4,299,487	\$4,299,487 BEYOND25
782	S340159-02 Mendham Borough	-	-	-	-	-	-	\$132,000	\$193,346	\$193,346 BEYOND25
782	S340159-01 Mendham Borough	-	-	-	-	-	\$220,000	-	\$318,067	\$318,067 BEYOND25
784	S340361-02 Roseland Borough	-	-	-	-	-	\$1,000,000	-	\$1,396,910	\$1,396,910 BEYOND25
785	S340541-04 Mount Arlington Borough	-	-	-	-	-	\$91,000	-	\$134,261	\$134,261 BEYOND25
786	S340856-01 Egg Harbor Township	-	-	-	-	-	\$1,944,104	-	\$2,643,901	\$2,643,901 BEYOND25
787	S340285-03 Magnolia Borough	-	-	-	-	-	\$270,000	-	\$455,626	\$455,626 BEYOND25
788	S340285-04 Magnolia Borough	-	-	-	-	-	\$108,000	-	\$159,031	\$159,031 BEYOND25
789	S340472-02 Bradley Beach Borough	-	-	-	-	-	\$308,600	-	\$537,008	\$537,008 T 160831

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790	S340319-02 Medford Lakes Borough	-	-	-	-	-	\$250,000	-	\$360,245	\$360,245 BEYOND25
791	S340210-02 Bethlehem Township	-	-	-	-	-	\$280,000	-	\$402,413	\$402,413 BEYOND25
791	S340210-01 Bethlehem Township	-	-	-	-	-	\$75,000	-	\$110,655	\$110,655 BEYOND25
793	S340842-02 High Bridge Borough	-	-	-	-	-	\$110,300	-	\$162,326	\$162,326 BEYOND25
793	S340842-03 High Bridge Borough	-	-	-	-	-	\$5,200,000	-	\$6,863,603	\$6,863,603 BEYOND25
795	S340504-03 Stanhope Borough	-	-	-	-	-	\$100,000	-	\$147,540	\$147,540 BEYOND25
796	S340149-02 Hamburg Borough	-	-	-	-	-	\$400,000	-	\$570,013	\$570,013 BEYOND25
797	S340263-01 Lawnside Borough	-	-	-	-	-	\$132,000	-	\$193,346	\$193,346 BEYOND25
798	S340966-04 Lavallette Borough	-	-	-	-	-	\$282,000	-	\$405,216	\$405,216 BEYOND25
799	S340729-02 Riverdale Borough	-	-	-	-	-	\$200,000	-	\$289,789	\$289,789 BEYOND25
799	S340165-01 Liberty Township	-	-	-	-	-	\$101,000	-	\$148,979	\$148,979 BEYOND25
801	S340335-02 Avon By The Sea Borough	-	-	-	-	-	\$250,000	-	\$360,245	\$360,245 BEYOND25
802	S340248-01 Pine Beach Borough	-	-	-	-	-	\$202,620	-	\$293,500	\$293,500 BEYOND25
803	S340738-04 Wyckoff Township	-	-	-	-	-	\$375,000	-	\$535,216	\$535,216 BEYOND25
804	S340468-01 Sea Girt Borough	-	-	-	-	-	\$3,630,000	-	\$4,823,809	\$4,823,809 BEYOND25
805	S340077-01 Sea Bright Borough	-	-	-	-	-	\$2,680,000	-	\$3,774,303	\$3,774,303 BEYOND25
806	S340481-01 Hampton Borough	-	-	-	-	-	\$75,000	-	\$97,500	\$97,500 T 160831
807	S340864-02 Avalon Borough	-	-	-	-	-	\$2,400,000	-	\$3,217,620	\$3,217,620 BEYOND25
808	S340431-01 Califon Borough	-	-	-	-	-	\$1,150,000	-	\$1,584,586	\$1,584,586 BEYOND25
809	S340339-01 Teterboro Borough	-	-	-	-	-	\$870,473	-	\$1,219,513	\$1,219,513 BEYOND25
810	S342012-02 Middlesex County Utilities Authority	\$3,700,000	-	-	-	-	-	-	\$4,915,537	\$4,915,537 BEYOND25
811	S340815-15 Newark City	-	-	-	-	-	-	\$10,555,881	\$16,123,721	\$16,123,721 BEYOND25
811	S340815-23 Newark City	-	-	-	-	-	\$21,375,666	-	\$27,315,736	\$27,315,736 BEYOND25
813	S343069-01 Jersey City	-	-	-	-	-	-	\$10,000,000	\$13,000,360	\$13,000,360 BEYOND25
814	S342017-01 Cape May County Municipal Utilities Authority	-	-	-	-	-	\$678,000	-	\$954,929	\$954,929 BEYOND25

Cat 1 - Secondary/Sludge/Septage Treatment  
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Cat 6 - Stormwater Management

815	S340366-05 Camden City	-	-	-	-	-	-	\$5,000,000	\$6,614,815	\$6,614,815 BEYOND25
816	S342009-01 Bayonne Local Redevelopment Authority	-	-	-	-	-	-	\$2,957,000	\$3,941,003	\$3,941,003 BEYOND25
817	S343078-01 Hoboken City	-	-	-	-	-	\$3,705,000	-	\$4,922,087	\$4,922,087 BEYOND25
818	S342021-01 Secaucus Town	-	-	-	-	-	-	\$16,519,865	\$21,189,858	\$21,189,858 BEYOND25
819	S343076-01 Stafford Township	-	-	-	-	-	-	\$5,055,000	\$6,683,353	\$6,683,353 BEYOND25
820	S343008-01 Princeton Township	-	-	-	-	-	-	\$3,500,000	\$4,653,327	\$4,653,327 BEYOND25
821	S343041-01 Wildwood Crest Borough	-	-	-	-	-	-	\$3,000,000	\$3,997,392	\$3,997,392 BEYOND25
822	S342018-01 Brick Township	-	-	-	-	-	-	\$11,000,000	\$14,226,449	\$14,226,449 BEYOND25
823	S342023-01 Buena Vista Township	-	-	-	-	-	-	\$20,000,000	\$23,530,000	\$23,530,000 T 160831
824	S340928-26 Jersey City Redevelopment Agency	-	-	-	-	-	-	\$8,500,000	\$12,326,308	\$12,326,308 T 160831
824	S340928-25 Jersey City Redevelopment Agency	-	-	-	-	-	\$730,895	-	\$5,647,345	\$5,647,345 T 160831
826	S340094-01 Hudson County Improvement Authority	-	-	-	-	-	\$5,000,000	-	\$6,614,815	\$6,614,815 BEYOND25
827	S342011-02 Bellmawr Borough	-	-	-	-	-	-	\$52,490,366	\$66,350,623	\$66,350,623 BEYOND25
828	S343054-10 New Jersey Water Supply Authority	-	-	-	-	-	-	\$977,770	\$1,366,519	\$1,366,519 BEYOND25
828	S343054-09 New Jersey Water Supply Authority	-	-	-	-	-	-	\$2,271,185	\$2,725,422	\$2,725,422 BEYOND25
830	S342015-03 Cumberland County Improvement Authority	-	-	-	-	-	-	\$14,463,500	\$18,954,010	\$18,954,010 T 160831
831	S343004-03 Mercer County	-	-	-	-	-	-	\$800,000	\$1,122,734	\$1,122,734 BEYOND25
832	S342016-01 Gloucester County Improvement Authority	-	-	-	-	-	\$993,600	-	\$1,388,163	\$1,388,163 BEYOND25
833	S343074-01 Gloucester County Improvement Authority	-	-	-	-	-	-	\$1,500,000	\$2,049,114	\$2,049,114 BEYOND25
834	S342001-02 Atlantic County Utilities Authority	-	-	-	-	-	\$4,500,000	-	\$5,962,475	\$5,962,475 BEYOND25
835	S342014-01 Passaic Valley Water Commission	-	-	-	-	-	\$1,200,000	-	\$1,645,877	\$1,645,877 BEYOND25
836	S342008-04 Sussex County Municipal Utilities Authority	-	-	-	\$5,400,000	-	-	-	\$7,258,000	\$7,258,000 T 160831
837	S342008-01 Sussex County Municipal Utilities Authority	-	-	-	-	-	-	\$1,800,000	\$2,451,173	\$2,451,173 BEYOND25
838	S343035-01 Warren County	-	-	-	-	-	\$2,374,000	-	\$3,185,630	\$3,185,630 BEYOND25
839	S342020-01 Edison Township	-	-	-	-	-	-	\$9,000,000	\$11,714,265	\$11,714,265 BEYOND25

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840	S343027-02 Edison Township	-	-	-	-	-	-	\$43,826,580	\$55,475,226	\$55,475,226 BEYOND25
841	S343051-02 Hamilton Township	-	-	-	-	-	-	\$1,247,000	\$1,709,268	\$1,709,268 BEYOND25
842	S343010-02 Brick Township	-	-	-	-	-	-	\$3,264,850	\$4,345,207	\$4,345,207 BEYOND25
843	S343021-02 Middletown Township	-	-	-	-	-	-	\$2,380,000	\$3,193,018	\$3,193,018 BEYOND25
844	S343043-02 Old Bridge Township	-	-	-	-	-	\$3,000,000	-	\$3,997,392	\$3,997,392 BEYOND25
845	S343014-01 Gloucester Township	-	-	-	-	-	-	\$949,900	\$1,328,374	\$1,328,374 BEYOND25
846	S343055-01 New Jersey Water Supply Authority	-	-	-	-	-	-	\$10,000,000	\$13,000,360	\$13,000,360 BEYOND25
847	S340240-04 Plainfield City	-	-	-	-	-	-	\$53,500	\$78,934	\$78,934 BEYOND25
848	S343044-01 Washington Township	-	-	-	-	-	-	\$725,000	\$1,019,650	\$1,019,650 BEYOND25
849	S343017-01 Franklin Township	-	-	-	-	-	-	\$16,863,000	\$21,625,688	\$21,625,688 BEYOND25
850	S343023-02 Evesham Township	-	-	-	-	-	-	\$433,000	\$616,010	\$616,010 BEYOND25
851	S343075-01 Sayreville Borough	-	-	-	-	-	-	\$25,000,000	\$31,783,125	\$31,783,125 BEYOND25
852	S343011-01 Howell Township	-	-	-	-	-	-	\$1,500,000	\$2,049,114	\$2,049,114 BEYOND25
853	S343024-01 Hackensack City	-	-	-	-	-	-	\$519,000	\$735,292	\$735,292 BEYOND25
854	S343059-01 Marlboro Township	-	-	-	-	-	-	\$3,000,000	\$3,997,392	\$3,997,392 BEYOND25
855	S342003-01 Evesham Township	-	-	-	-	-	-	\$2,200,000	\$2,969,927	\$2,969,927 BEYOND25
856	S343039-01 Manalapan Township	-	-	-	-	-	-	\$2,600,000	\$3,471,822	\$3,471,822 BEYOND25
857	S343015-01 Mount Laurel Township	-	-	-	-	-	-	\$3,135,063	\$4,174,867	\$4,174,867 BEYOND25
858	S343018-01 Freehold Township	-	-	-	-	-	-	\$2,000,000	\$2,718,518	\$2,718,518 BEYOND25
859	S343005-02 West Windsor Township	-	-	-	-	-	-	\$6,669,950	\$8,712,041	\$8,712,041 BEYOND25
860	S343060-01 Burlington Township	-	-	-	-	-	-	\$429,317	\$610,884	\$610,884 BEYOND25
861	S343007-01 Randolph Township	-	-	-	-	-	-	\$8,370,000	\$10,903,537	\$10,903,537 BEYOND25
862	S343022-01 Morris Township	-	-	-	-	-	-	\$2,000,000	\$2,718,518	\$2,718,518 BEYOND25
863	S343025-01 Point Pleasant Borough	-	-	-	-	-	-	\$460,950	\$654,846	\$654,846 BEYOND25
864	S343034-04 Readington Township	-	-	-	-	-	-	\$10,815,000	\$14,000,636	\$14,000,636 BEYOND25

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865	S343012-01 Clinton Township	-	-	-	-	-	-	\$9,605,306	\$12,493,115	\$12,493,115 BEYOND25
866	S343003-01 Hanover Township	-	-	-	-	-	-	\$9,000,000	\$11,714,265	\$11,714,265 BEYOND25
867	S343042-01 Brigantine City	-	-	-	-	-	-	\$5,000,000	\$6,614,815	\$6,614,815 BEYOND25
868	S343070-01 Oakland Borough	-	-	-	-	-	-	\$12,060,900	\$15,516,767	\$15,516,767 BEYOND25
869	S343068-01 Burlington County	-	-	-	-	-	-	\$52,000	\$76,721	\$76,721 BEYOND25
870	S343029-01 Montgomery Township	-	-	-	-	-	-	\$3,454,800	\$4,594,151	\$4,594,151 BEYOND25
871	S343064-01 River Vale Township	-	-	-	-	-	-	\$5,000,000	\$6,614,815	\$6,614,815 BEYOND25
872	S343016-01 Chatham Township	-	-	-	-	-	-	\$2,000,000	\$2,718,518	\$2,718,518 BEYOND25
873	S343001-01 Florham Park Borough	-	-	-	-	-	-	\$7,500,000	\$9,782,685	\$9,782,685 BEYOND25
874	S343036-01 Bordentown Township	-	-	-	-	-	-	\$10,447,500	\$13,550,697	\$13,550,697 BEYOND25
875	S343047-01 Byram Township	-	-	-	-	-	-	\$1,400,000	\$1,915,067	\$1,915,067 BEYOND25
876	S343038-01 Edgewater Park Township	-	-	-	-	-	-	\$100,000	\$147,540	\$147,540 BEYOND25
877	S343052-01 Milltown Borough	-	-	-	-	-	-	\$3,500,000	\$4,653,327	\$4,653,327 BEYOND25
878	S343067-01 Allendale Borough	-	-	-	-	-	-	\$5,200,000	\$6,863,603	\$6,863,603 BEYOND25
879	S343040-01 Mansfield Township	-	-	-	-	-	-	\$1,196,250	\$1,641,302	\$1,641,302 BEYOND25
880	S343019-01 Plumsted Township	-	-	-	-	-	-	\$6,800,000	\$8,879,791	\$8,879,791 BEYOND25
881	S342004-01 Fairfield Township	-	-	-	-	-	-	\$1,200,000	\$1,645,877	\$1,645,877 BEYOND25
882	S343073-01 Point Pleasant Beach Borough	-	-	-	-	-	-	\$15,000,000	\$19,257,315	\$19,257,315 BEYOND25
883	S343009-01 Millstone Township	-	-	-	-	-	-	\$9,000,000	\$11,714,265	\$11,714,265 BEYOND25
884	S343026-01 Eastampton Township	-	-	-	-	-	-	\$3,000,000	\$3,997,392	\$3,997,392 BEYOND25
885	S343031-01 Mendham Township	-	-	-	-	-	-	\$4,000,000	\$5,308,104	\$5,308,104 BEYOND25
886	S343062-01 East Amwell Township	-	-	-	-	-	\$350,200	-	\$500,588	\$500,588 BEYOND25
887	S343045-01 Cape May City	-	-	-	-	-	-	\$4,000,000	\$5,308,104	\$5,308,104 BEYOND25
888	S343072-02 High Bridge Borough	-	-	-	-	-	-	\$4,200,000	\$5,570,096	\$5,570,096 BEYOND25
889	S343053-01 Mine Hill Township	-	-	-	-	-	-	\$1,000,000	\$1,396,910	\$1,396,910 BEYOND25

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890	S342019-01 National Park Borough	-	-	-	-	-	-	\$9,675,600	\$12,583,490	\$12,583,490 BEYOND25
891	S343049-01 Peapack Gladstone Borough	-	-	-	-	-	-	\$750,000	\$1,054,062	\$1,054,062 BEYOND25
892	S342002-01 Estell Manor City	-	-	-	-	-	-	\$1,140,000	\$1,572,251	\$1,572,251 BEYOND25
893	S340416-13 Trenton City	-	-	-	-	-	\$7,740,000	-	\$10,091,960	\$10,091,960 BEYOND25
894	S340044-01 Camden Redevelopment Agency	-	-	-	-	-	\$137,500,031	-	\$172,309,961	\$172,309,961 BEYOND25
895	S340051-07 Bayonne Local Redevelopment Authority	-	-	-	-	-	\$5,400,000	-	\$7,111,175	\$7,111,175 BEYOND25
895	S340051-06 Bayonne Local Redevelopment Authority	-	-	-	-	-	\$2,600,000	-	\$3,471,822	\$3,471,822 BEYOND25
895	S340051-05 Bayonne Local Redevelopment Authority	-	-	-	-	-	\$1,800,000	-	\$2,451,173	\$2,451,173 BEYOND25
898	S340259-12 Kearny Town	-	-	-	-	-	\$423,000	-	\$961,810	\$961,810 BEYOND25
898	S340259-13 Kearny Town	-	-	-	-	-	\$71,948,744	-	\$107,557,474	\$107,557,474 BEYOND25
900	S340942-06 Elizabeth City	-	-	-	-	-	-	\$2,500,000	\$3,340,073	\$3,340,073 BEYOND25
900	S340942-10 Elizabeth City	-	-	-	-	-	-	\$7,325,000	\$9,911,578	\$9,911,578 BEYOND25
902	S340087-01 Trenton City	-	-	-	-	-	-	\$800,000	\$2,844,687	\$2,844,687 BEYOND25
903	S340044-03 Camden Redevelopment Agency	-	-	-	-	-	-	\$10,000,000	\$13,000,360	\$13,000,360 BEYOND25
903	S340044-02 Camden Redevelopment Agency	-	-	-	\$19,500,000	-	-	-	\$45,383,793	\$45,383,793 BEYOND25
905	S340652-08 North Bergen Township	-	-	-	-	-	\$3,000,000	-	\$3,997,392	\$3,997,392 BEYOND25
905	S340652-11 North Bergen Municipal Utilities Authority	\$1,813,000	-	-	-	-	-	-	\$2,468,581	\$2,468,581 BEYOND25
907	S340437-12 New Brunswick City	-	-	-	-	-	\$2,500,000	-	\$3,340,073	\$3,340,073 BEYOND25
908	S340883-08 Asbury Park City	-	-	-	\$50,000,000	-	-	-	\$63,000,000	\$63,000,000 T 170831
909	S340341-05 Harrison Town	-	-	-	-	-	\$25,000,000	-	\$31,783,125	\$31,783,125 BEYOND25
910	S340124-01 Union County Improvement Authority	-	-	-	-	-	-	\$16,000,000	\$23,069,596	\$23,069,596 BEYOND25
911	S340939-07 Carteret Borough	-	-	-	-	-	-	\$18,640,000	\$23,882,313	\$23,882,313 T 150831
912	S342022-01 Salem County Improvement Authority	-	-	-	-	-	-	\$6,598,790	\$8,840,401	\$8,840,401 T 160831
913	S340107-01 Morris County	-	-	-	-	-	\$10,000,000	-	\$13,000,360	\$13,000,360 BEYOND25
914	S342024-01 Gloucester County Improvement Authority	-	-	-	-	-	-	\$6,261,406	\$7,513,687	\$7,513,687 T 160831

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

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

Cat 3 - Sewer System Rehabilitation  
Cat 6 - Stormwater Management

915	S342016-02 Gloucester County Improvement Authority	-	-	-	-	-	\$4,500,000	-	\$5,962,475	\$5,962,475 BEYOND25
916	S342015-02 Cumberland County Improvement Authority	-	-	-	-	-	\$1,500,000	-	\$2,049,114	\$2,049,114 BEYOND25
916	S342015-01 Cumberland County Improvement Authority	-	-	-	-	-	\$20,000,000	-	\$25,607,620	\$25,607,620 BEYOND25
918	S342008-05 Sussex County Municipal Utilities Authority	-	-	-	-	-	-	\$9,300,000	\$12,406,000	\$12,406,000 T 160831
919	S340117-06 Two Rivers Water Reclamation Authority	-	-	-	\$11,493,501	-	-	-	\$14,826,569	\$14,826,569 BEYOND25
920	S342017-04 Cape May County Municipal Utilities Authority	-	-	-	-	-	-	\$4,236,460	\$5,617,822	\$5,617,822 BEYOND25
920	S342017-02 Cape May County Municipal Utilities Authority	-	-	-	-	-	\$4,800,000	-	\$6,354,123	\$6,354,123 BEYOND25
922	S340435-07 Perth Amboy Redevelopment Agency	-	-	-	-	-	-	\$29,000,000	\$36,825,064	\$36,825,064 BEYOND25
923	S340859-02 Orange City	-	-	-	-	-	-	\$3,052,680	\$6,039,749	\$6,039,749 BEYOND25
924	S340395-02 Lawrence Township	-	-	-	-	-	-	\$14,284,100	\$18,347,670	\$18,347,670 BEYOND25
925	S340037-01 East Amwell Township	-	-	-	-	-	-	\$450,000	\$639,645	\$639,645 BEYOND25
926	S340102-04 Milltown Borough	-	-	-	-	-	\$2,056,800	-	\$5,190,428	\$5,190,428 BEYOND25
926	S340102-01 Milltown Borough	-	-	-	-	-	\$15,144,194	-	\$19,440,809	\$19,440,809 BEYOND25
928	S340349-04 Pennsauken Township	-	-	-	-	-	-	\$40,543,620	\$55,431,119	\$55,431,119 BEYOND25
929	S340103-01 South Orange Village	-	-	-	-	-	\$1,500,000	-	\$2,049,114	\$2,049,114 BEYOND25
930	S340433-10 Woodbridge Township	-	-	-	-	-	\$7,625,000	-	\$9,943,795	\$9,943,795 BEYOND25
931	S340435-08 Perth Amboy Redevelopment Agency	-	-	-	-	-	-	\$15,000,000	\$19,257,315	\$19,257,315 BEYOND25
932	S340923-09 Hackensack City	-	-	-	-	-	-	\$6,350,000	\$9,589,269	\$9,589,269 BEYOND25
933	S340134-01 Sayreville Economic & Redevelopment Agency	-	-	-	-	-	-	\$35,000,000	\$50,664,200	\$50,664,200 BEYOND25
934	S340679-02 Linden City	-	-	-	-	-	\$3,737,000	-	\$5,882,578	\$5,882,578 BEYOND25
935	S340243-01 Belleville Township	-	-	-	-	-	\$5,698,697	-	\$7,478,656	\$7,478,656 BEYOND25
936	S340113-01 Union County Improvement Authority	-	-	-	-	-	\$1,350,000	-	\$1,847,907	\$1,847,907 BEYOND25
937	S340874-06 Phillipsburg Redevelopment Authority	-	-	-	-	-	\$5,671,780	-	\$9,215,958	\$9,215,958 BEYOND25
938	S342013-01 Somerville Borough	-	-	-	-	-	-	\$4,100,000	\$10,684,529	\$10,684,529 BEYOND25
939	S340339-02 Teterboro Borough	-	-	-	-	-	\$17,070,740	-	\$21,889,460	\$21,889,460 BEYOND25

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

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

Cat 3 - Sewer System Rehabilitation  
Cat 6 - Stormwater Management

939	S340339-03 Teterboro Borough	-	-	-	\$26,389,038 -	-	-	\$33,535,341	\$33,535,341 BEYOND25
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Cat 1 - Secondary/Sludge/Septage Treatment  
Cat 4 - New Collectors, Interceptors & Appurtenances  
Cat 7 - Nonpoint Source Management

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

Cat 3 - Sewer System Rehabilitation  
Cat 6 - Stormwater Management

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-19	Eligible Project Cost:	\$10,690,000
FY16 Rank:	1		
County:	Camden	Total State Amount:	\$10,690,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200 Points Scored 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**

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

**Priority List Rank**

1

**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.:	S340640-17	Eligible Project Cost:	\$6,614,815
FY16 Rank:	2		
County:	Camden	Total State Amount:	\$6,614,815

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	25
		Subtotal		125
		State Planning Commission		50
		Population		0.508932
		BDA Points		10
		Transit Villages		0
		TOTAL POINTS		1060.508932

**Project Name, Number**

Camden County Municipal Utilities Authority  
S340640-17  
Combined Sewer Overflow (CSO) - Green Infrastructure

**Priority List Rank**

2

**County**

Camden

**Existing Population**

508,932

**Service Area**

Camden City

**Need for Project**

Upgrading Camden City's dilapidated combined sewer system and also keeping stormwater out of the combined sewer system will reduce the potential for combined sewage flooding and combined sewage overflows

**Project Description**

The purpose of the project is to construct green infrastructure projects, and also grey infrastructure upgrades, in Camden City to reduce the potential for combined sewage flooding and combined sewage overflows. The project will also reduce energy usage as pumping and treatment of stormwater will be reduced correspondingly.

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-15	Eligible Project Cost:	\$6,614,815
FY16 Rank:	3		
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
600	600
500	0
450	0
350	0
300	0
275	0
250	0
225	0
150	0
75	0
50	0
300	0
50	50
Subtotal	650

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

Possible Points	Points Scored
200	200
125	0
125	0
75/25	0/0
50	0
25	0
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
			<b>TOTAL POINTS</b>	<b>1050.508932</b>

**Project Name, Number**

Camden County Municipal Utilities Authority  
S340640-15  
Combined Sewer Overflow (CSO) - Green Infrastructure

**Priority List Rank**

3

**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
FY16 Rank:	4		
County:	Union	Total State Amount:	\$1,191,434

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

4

**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.:	S340547-14	Eligible Project Cost:	\$9,460,275
FY16 Rank:	4		
County:	Union	Total State Amount:	\$9,460,275

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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  
S340547-14  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

4

**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.:	S340547-13	Eligible Project Cost:	\$10,104,841
FY16 Rank:	4		
County:	Union	Total State Amount:	\$10,104,841

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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  
S340547-13  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

4

**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 and/or 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.:	S340547-15	Eligible Project Cost:	\$2,588,518
FY16 Rank:	7		
County:	Union	Total State Amount:	\$2,588,518

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
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**

Rahway Valley Sewerage Authority  
S340547-15  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

7

**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:	Raritan Borough	Eligible Project Cost:	\$360,245
Project No.:	S340781-04	Total State Amount:	\$360,245
FY16 Rank:	8		
County:	Somerset		

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	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**

Raritan Borough  
S340781-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

8

**County**

Somerset

**Existing Population**

5,990

**Service Area**

Raritan Borough

**Need for Project**

Many of the sewers in the Borough of Raritan are at least 75 years old and have never been rehabilitated. The infiltration/inflow (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:	Newark City	Eligible Project Cost:	\$3,273,457
Project No.:	S340815-27		
FY16 Rank:	9		
County:	Essex	Total State Amount:	\$3,273,457

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

9

**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 Newark's 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:	Newark City		
Project No.:	S340815-25	Eligible Project Cost:	\$388,383
FY16 Rank:	9		
County:	Essex	Total State Amount:	\$388,383

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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  
S340815-25  
Stormwater Management - Green Infrastructure

**Priority List Rank**

9

**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:	Lower Township Municipal Utilities Authority		
Project No.:	S340810-03	Eligible Project Cost:	\$3,135,057
FY16 Rank:	11		
County:	Cape May	Total State Amount:	\$3,135,057

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

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

**Priority List Rank**

11

**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 mg/l mg/l Lower Township STP (NJ0023809) 4.0 1.44 91.4 18.52 93.4 12.62

**Project Description**

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

Anticipated Recipient:	Oakland Borough		
Project No.:	S340418-03	Eligible Project Cost:	\$36,522,885
FY16 Rank:	12		
County:	Bergen	Total State Amount:	\$36,522,885

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Oakland Borough  
S340418-03  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

12

**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
FY16 Rank:	13		
County:	Camden	Total State Amount:	\$13,000,360

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	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**

Camden County Municipal Utilities Authority  
S340640-16  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

13

**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:	Sparta Township		
Project No.:	S340495-03	Eligible Project Cost:	\$2,853,484
FY16 Rank:	14		
County:	Sussex	Total State Amount:	\$2,853,484

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	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**

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

**Priority List Rank**

14

**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 mg/l mg/l Plaza STP (NJ0027057) AST-90 .030 .040 91.3 12.6 86.0 23.3 Board of Ed.- Alpine School (NJ0027065) AST-95 .027 .008 97 7.4 93 16 Board of Ed.- H.S. Plant 1 (NJ0027073) .022 .005 98.6 4.14 97 1.44 Board of Ed.- H.S.Plant 2 (NJ0027081) .027 .008 87.6 4.2 98 2.56

**Project Description**

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

Anticipated Recipient:	Warren Township Sewer Authority		
Project No.:	S340964-01-1	Eligible Project Cost:	\$100,000
FY16 Rank:	15		
County:	Somerset	Total State Amount:	\$100,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	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**

Warren Township Sewer Authority  
S340964-01-1  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

15

**County**

Somerset

**Existing Population**

15,311

**Service Area**

The Stage IV Wastewater Treatment Plant (WWTP) service area is located in the north central portion of the Township and encompasses approximately 5.7 square miles. There are approximately 36 miles of sanitary sewers serving this area. The treatment plant presently serves approximately 1,635 equivalent connections, including approximately 2,685 residences. In addition to the Stage IV WWTP, the Warren Township Sewerage Authority owns/operates two additional WWTPs (Stage I/II and Stage IV) and sewerage systems that convey flow to WWTPs located outside of the township.

**Need for Project**

The existing Stage IV Oxidation Ditch/Final Clarifier Process tanks were put on line in 1991. The aerators show signs of wear, bearings need to be replaced and several paddles are missing. Rust is prevalent throughout the structure. The scum collection system no longer functions properly and is a potential safety hazard when scum removal operations are conducted. The existing UV disinfection unit was put on line in approximately 1993 and has reached the end of its useful life. Necessary cleaning and changing of bulbs and sleeves is very cumbersome and presents a safety hazard due to extremely restrictive space. Maintenance activity requires that racks be pulled out manually and suspended on a makeshift apparatus. Utilization of a sleeve cleaning unit is not feasible due to limited space. Structural modifications to the existing structure will be required to install a new self-cleaning UV disinfection system.

**Project Description**

The existing Stage IV Oxidation Ditch/Final Clarifier Process Tanks were put on line in 1991 and have reached their useful life. The Oxidation Ditch aerators show signs of wear, the bearings need to be replaced and several paddles are missing. Rust is also prevalent throughout the structure. The scum collection system is outdated, does not function as originally designed and is a potential safety hazard when scum removal operations are conducted. Replacement of the existing aged equipment is proposed in kind. The Stage IV UV Disinfection System was put on line circa 1993 and has also reached its useful life. Necessary cleaning and changing of bulbs and sleeves is very cumbersome due to extremely restrictive space, and this presents a safety hazard. Due to space available in the UV structure, utilization of a sleeve cleaning unit is not feasible. Replacement of the existing UV disinfection equipment with new self-cleaning UV equipment is proposed.

Anticipated Recipient:	Warren Township Sewer Authority		
Project No.:	S340964-01	Eligible Project Cost:	\$2,949,113
FY16 Rank:	15		
County:	Somerset	Total State Amount:	\$2,949,113

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	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**

Warren Township Sewer Authority  
S340964-01  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

15

**County**

Somerset

**Existing Population**

15,311

**Service Area**

The Stage IV Wastewater Treatment Plant (WWTP) service area is located in the north central portion of the Township and encompasses approximately 5.7 square miles. There are approximately 36 miles of sanitary sewers serving this area. The treatment plant presently serves approximately 1,635 equivalent connections, including approximately 2,685 residences. In addition to the Stage IV WWTP, the Warren Township Sewerage Authority owns/operates two additional WWTPs (Stage I/II and Stage IV) and sewerage systems that convey flow to WWTPs located outside of the township.

**Need for Project**

The existing Stage IV Oxidation Ditch/Final Clarifier Process tanks were put on line in 1991. The aerators show signs of wear, bearings need to be replaced and several paddles are missing. Rust is prevalent throughout the structure. The scum collection system no longer functions properly and is a potential safety hazard when scum removal operations are conducted. The existing UV disinfection unit was put on line in approximately 1993 and has reached the end of its useful life. Necessary cleaning and changing of bulbs and sleeves is very cumbersome and presents a safety hazard due to extremely restrictive space. Maintenance activity requires that racks be pulled out manually and suspended on a makeshift apparatus. Utilization of a sleeve cleaning unit is not feasible due to limited space. Structural modifications to the existing structure will be required to install a new self-cleaning UV disinfection system.

**Project Description**

(Carryover SFY2015) - The proposed project includes upgrades to the Oxidation Ditch/Final Clarifiers and Replacement of the existing Ultraviolet Disinfection System at the Stage IV Wastewater Treatment Plant.

Anticipated Recipient:	Newark City		
Project No.:	S340815-22	Eligible Project Cost:	\$4,522,375
FY16 Rank:	17		
County:	Essex	Total State Amount:	\$4,522,375

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	100	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
		Subtotal		200
		State Planning Commission		50
		Population		0.27714
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		975.27714

**Project Name, Number**

Newark City  
S340815-22  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

17

**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:	Newark City	Eligible Project Cost:	\$19,257,315
Project No.:	S340815-24		
FY16 Rank:	17		
County:	Essex	Total State Amount:	\$19,257,315

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	100	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
		Subtotal		200
		State Planning Commission		50
		Population		0.27714
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		975.27714

**Project Name, Number**

Newark City  
S340815-24  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

17

**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.:	S340815-26	Eligible Project Cost:	\$3,092,080
FY16 Rank:	17		
County:	Essex	Total State Amount:	\$3,092,080

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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  
S340815-26  
Combined Sewer Overflow (CSO) - Green Infrastructure

**Priority List Rank**

17

**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:	Camden City		
Project No.:	S340366-07	Eligible Project Cost:	\$6,614,815
FY16 Rank:	18		
County:	Camden	Total State Amount:	\$6,614,815

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	25
Toxics	0	25	50	25
		Subtotal		100
		State Planning Commission		50
		Population		0.079904
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		975.079904

**Project Name, Number**

Camden City  
S340366-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

18

**County**

Camden

**Existing Population**

79,904

**Service Area**

City of Camden (various locations)

**Need for Project**

Sewers targeted for replacement under this project pose significant physical and environmental hazard to the community due to a loss of both structural integrity and hydraulic capacity. As these sewers disintegrate the debris from this process accumulates in the sewer essentially creating a dam effect upon which other solids and sediments can accumulate thereby significantly restricting available hydraulic capacity of the sewer. As a result, residents within the impacted drainage area experience significant sewage backup into their homes which poses an environmental/health hazard. Since this is primarily a combined sewer system (e.g., stormwater and sanitary flows conveyed in same pipe) the sewer backups are more substantial during wet weather events. The weakened structural condition of these sewers lend themselves to sudden and/or frequent roadway failures/depressions potentially damaging/harmful to both property and pedestrians, which in turn exposes the City to liability issues.

**Project Description**

This project involves the rehabilitation/reconstruction of structurally deficient sewers ranging from 8 - 36 in diameter at various locations in the City of Camden. The proposed scope of work includes replacement of sewers installation/replacement of manholes/inlets and other related structures reconnection of sewer laterals jetting/vacuuming of adjacent existing sewers and streets/sidewalk restoration.

Anticipated Recipient:	Camden City		
Project No.:	S340366-03	Eligible Project Cost:	\$10,361,096
FY16 Rank:	20		
County:	Camden	Total State Amount:	\$10,361,096

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Camden City  
S340366-03  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

20

**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 inoperative and requires frequent jetting/vacuuming. The proposed scope of work includes removal of existing sewer lift station installation of new station reconnection/replacement of force main and installation of safety equipment.

Anticipated Recipient:	Camden City		
Project No.:	S340366-10	Eligible Project Cost:	\$708,917
FY16 Rank:	20		
County:	Camden	Total State Amount:	\$708,917

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Camden City  
S340366-10  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

20

**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 inspection/repair of regulator chamber and replacement of tide gates if needed.

Anticipated Recipient:	Camden City	Eligible Project Cost:	\$58,648,610
Project No.:	S340366-06		
FY16 Rank:	20		
County:	Camden	Total State Amount:	\$58,648,610

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Camden City  
S340366-06  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

20

**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	Eligible Project Cost:	\$58,844,815
Project No.:	S340366-07		
FY16 Rank:	23		
County:	Camden	Total State Amount:	\$58,844,815

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
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>B. Existing Water Quality</b>				
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**

Camden City  
S340366-07  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

23

**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	Eligible Project Cost:	\$2,120,000
Project No.:	S340366-12		
FY16 Rank:	23		
County:	Camden	Total State Amount:	\$2,120,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	25
Toxics	0	25	50	25
		Subtotal		100
		State Planning Commission		50
		Population		0.077344
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		975.077344

**Project Name, Number**

Camden City  
S340366-12  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

23

**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:	Elizabeth City		
Project No.:	S340942-19	Eligible Project Cost:	\$3,688,239
FY16 Rank:	25		
County:	Union	Total State Amount:	\$3,688,239

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	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

**Priority List Rank**

25

**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.:	S340699-15	Eligible Project Cost:	\$29,194,275
FY16 Rank:	26		
County:	Middlesex	Total State Amount:	\$29,194,275

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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				0.867708
BDA Points				0
Transit Villages				0
TOTAL POINTS				950.867708

**Project Name, Number**

Middlesex County Utilities Authority  
S340699-15  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

26

**County**

Middlesex

**Existing Population**

867,708

**Service Area**

0

**Need for Project**

0

**Project Description**

(Carryover SFY2015) - The Project will involve replacement of channel air blowers replacement of unit sub stations and improvements to the Process Water System motor control center at the Middlesex County Utilities Authority Central Wastewater Treatment Plant.

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-18	Eligible Project Cost:	\$50,664,200
FY16 Rank:	27		
County:	Camden	Total State Amount:	\$50,664,200

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	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**

Camden County Municipal Utilities Authority  
S340640-18  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

27

**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) improve sustain optimal wastewater performance (2) improve resiliency and (3) reduce the plant's 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
FY16 Rank:	28		
County:	Middlesex	Total State Amount:	\$363,247,172

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
		Subtotal		200
		State Planning Commission		0
		Population		0.49657
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		950.49657

**Project Name, Number**

Middlesex County Utilities Authority  
S340699-03  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

28

**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 MUA 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
FY16 Rank:	29		
County:	Hudson	Total State Amount:	\$16,657,750

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

North Bergen Municipal Utilities Authority  
S340652-14  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

29

**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 WWTF 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
FY16 Rank:	30		
County:	Hudson	Total State Amount:	\$3,340,073

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

North Bergen Municipal Utilities Authority  
S340652-12  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

30

**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 Bergen's 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
FY16 Rank:	31		
County:	Hudson	Total State Amount:	\$6,600,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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
			<b>TOTAL POINTS</b>	<b>950.050005</b>

**Project Name, Number**

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

**Priority List Rank**

31

**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 I) 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 30-37) and Block 9 (lot 7). 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.

Anticipated Recipient:	Berkeley Heights Township		
Project No.:	S340385-05	Eligible Project Cost:	\$1,973,289
FY16 Rank:	32		
County:	Union	Total State Amount:	\$1,973,289

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	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**

Berkeley Heights Township  
S340385-05  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

32

**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 denitrification.

**Project Description**

The proposed upgrade includes modifications to the existing treatment processes to allow for denitrification. 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
FY16 Rank:	33		
County:	Sussex	Total State Amount:	\$17,222,998

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment 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**

Hopatcong Borough  
S340488-05  
Sanitary Sewer System - New

**Priority List Rank**

33

**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 Authority's STP which will treat the new flows from the Borough of Hopatcong.

Anticipated Recipient:	Pennsauken Township		
Project No.:	S340349-03	Eligible Project Cost:	\$5,308,104
FY16 Rank:	34		
County:	Camden	Total State Amount:	\$5,308,104

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

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

**Priority List Rank**

34

**County**

Camden

**Existing Population**

34,740

**Service Area**

Township of Pennsauken

**Need for Project**

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

**Project Description**

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

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-14	Eligible Project Cost:	\$2,290,548
FY16 Rank:	35		
County:	Hudson	Total State Amount:	\$2,290,548

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	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  
S340928-14  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

35

**County**

Hudson

**Existing Population**

247,597

**Service Area**

The service area consists of the portion of Grand Street extending from the Hudson River to Clinton Avenue, and streets with sewers tributary to those located in Grand Street. Those streets with tributary sewers are Clinton Ave., Harmon St., Communipaw Ave., Prescott St., State St., Bishop St., Johnston Ave., Fairmount Ave., Manning Ave., Woodward St., and Canal St.

**Need for Project**

The immediate cost of the no action alternative is zero. Pursuing this alternative will allow continued deterioration and eventual failure of the existing infrastructure resulting in the backup and overflow of raw sanitary sewage and stormwater that would create a health hazard for residents, workers and transients in the area served by the sewer and in the waters receiving the discharge from the collapsed sewer. The discharge would further degrade the waters receiving the discharge which already have impaired water quality according to the NJDEP which threatens their designated uses: secondary contact recreation, propagation and maintenance of fish and wildlife populations, the migration of anadromous fish, industrial water supply and other reasonable uses. No action would also be contrary to the Consent Decree that the JCMUA has entered into with the USEPA.

**Project Description**

(Carryover SFY2015) - This project will clean and inspect approximately 7000 linear feet of combined sewers ranging in size from 12-inch to 54-inch in diameter located in Grand Street between Clinton Avenue and Hudson River and the following side streets Clinton Avenue Harmon Street Prescott Street Garfield Avenue State Street Bishop Street Johnston Avenue Fairmount Avenue Prior Street Colden Street Bates Street Louis Munos Marin Boulevard Van Vorst Street and Warren Street. It will also provide for minor spot repairs such as loose or hanging bricks spot repairs at laterals and hanging debris.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-15	Eligible Project Cost:	\$38,467,004
FY16 Rank:	35		
County:	Hudson	Total State Amount:	\$38,467,004

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

35

**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.:	S340928-16	Eligible Project Cost:	\$8,987,500
FY16 Rank:	35		
County:	Hudson	Total State Amount:	\$8,987,500

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	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  
S340928-16  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

35

**County**

Hudson

**Existing Population**

247,597

**Service Area**

The Sewer Service area for this project is in the vicinity 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.:	S340928-17	Eligible Project Cost:	\$1,396,910
FY16 Rank:	35		
County:	Hudson	Total State Amount:	\$1,396,910

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	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**

35

**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.:	S340928-18	Eligible Project Cost:	\$5,308,104
FY16 Rank:	35		
County:	Hunterdon	Total State Amount:	\$5,308,104

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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  
S340928-18  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

35

**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
FY16 Rank:	35		
County:	Hudson	Total State Amount:	\$6,614,815

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	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  
S340928-19  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

35

**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
FY16 Rank:	35		
County:	Hudson	Total State Amount:	\$6,361,818

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
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  
S340928-20  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

35

**County**

Hudson

**Existing Population**

247,597

**Service Area**

The service area tributary to the project includes the residential area known as 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 which 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.:	S340928-13	Eligible Project Cost:	\$9,771,083
FY16 Rank:	35		
County:	Hudson	Total State Amount:	\$9,771,083

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	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  
S340928-13  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

35

**County**

Hudson

**Existing Population**

247,597

**Service Area**

The Service areas consists of the 181 acre CSO Subdrainage Area designated as the the Duncan Avenue subdrainage Area that flow to the CSO Regualtor RW-7.

**Need for Project**

In the 1980s, the Duncan Avenue 84 inch outfall project was initiated starting from from the waterfront but only approximately 1500 linear feet was completed upstream. The project was discontinued at that time due to funding limitations. The existing 72 inch and 48 inch diameter sewers located upstream of the newer 84 inch sewer were not upgraded and remain at their original size from where the 84 inch construction ended and upstream to the Duncan Avenue CSO Regulator, RW-7. In recent years, street flooding on Duncan Avenue East of Route 1 and 9 has increased as a result of the smaller size pipes (i.e. 48 and 75 inches) and the JCMUA has determined that the project is necessary to correct outfall deficiencies to alleviate these flooding issues

**Project Description**

(Carryover SFY2015) - In order to correct these deficiencies this project will require the following stages of construction Replacement of 60 linear feet of 48 inch outfall sewer between the existing regulator RW-7 Construction of a multiple pipe barrel siphon that is approximately 100 linear feet in length Replacement of the existing 1140 linear feet of 48 inch and 72 inch diameter existing piping located downstream of the Duncan CSO Regulator RW-7 with new 84 inch pipe The existing 48 and 72 in pipe will be demolished or filled in. Realignment the slope of the existing 1500 linear feet of 84 inch outfall to match the slope of the new 84 inch pipe to optimize design flows through the outfall. The total length being replaced and modified is 2800 linear feet.

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-03	Eligible Project Cost:	\$47,046,859
FY16 Rank:	43		
County:	Hudson	Total State Amount:	\$47,046,859

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

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

**Priority List Rank**

43

**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
FY16 Rank:	43		
County:	Hudson	Total State Amount:	\$2,437,780

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		200
		State Planning Commission		50
		Population		0.240055
		BDA Points		0
		Transit Villages		10
		TOTAL POINTS		910.240055

**Project Name, Number**

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

**Priority List Rank**

43

**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:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-07	Eligible Project Cost:	\$3,345,345
FY16 Rank:	43		
County:	Hudson	Total State Amount:	\$3,345,345

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

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

**Priority List Rank**

43

**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:	Elizabeth City		
Project No.:	S345070-01	Eligible Project Cost:	\$4,000,001
FY16 Rank:	46		
County:	Union	Total State Amount:	\$4,000,001

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
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  
S345070-01  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

46

**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	Eligible Project Cost:	\$12,357,700
Project No.:	S340942-13		
FY16 Rank:	46		
County:	Union	Total State Amount:	\$12,357,700

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
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  
S340942-13  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

46

**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.:	S340942-17	Eligible Project Cost:	\$5,308,104
FY16 Rank:	46		
County:	Union	Total State Amount:	\$5,308,104

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

46

**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:	Elizabeth City		
Project No.:	S340942-18	Eligible Project Cost:	\$4,423,429
FY16 Rank:	46		
County:	Union	Total State Amount:	\$4,423,429

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	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**

46

**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.:	S340942-15	Eligible Project Cost:	\$1,522,661
FY16 Rank:	46		
County:	Union	Total State Amount:	\$1,522,661

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	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  
S340942-15  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

46

**County**

Union

**Existing Population**

124,969

**Service Area**

City of Elizabeth - North Avenue between Newark Avenue and Madison Avenue

**Need for Project**

This project is designed to prevent surface flooding in the CSO system. By separating storm flows from the combined sewer system the number of CSO events will be decreased.

**Project Description**

The proposed project includes separating storm flows from the Combined Sewer System along portions of North Avenue by installing a new storm sewer from the low point under the rail road tracks to the storm sewer at Fanny Street

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-13	Eligible Project Cost:	\$5,308,104
FY16 Rank:	51		
County:	Camden	Total State Amount:	\$5,308,104

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Camden County Municipal Utilities Authority  
S340640-13  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

51

**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 includes installation of four new variable frequency drives and one electric motor for the CCMUA wastewater treatment plants four raw sewage pumps. In addition two emergency generators will be installed to ensure that primary treatment and disinfection will be sustained even in the event of a power failure.

Anticipated Recipient:	Bayonne Municipal Utilities Authority		
Project No.:	S340399-27	Eligible Project Cost:	\$3,997,392
FY16 Rank:	52		
County:	Hudson	Total State Amount:	\$3,997,392

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	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**

Bayonne Municipal Utilities Authority  
S340399-27  
Pump Stations

**Priority List Rank**

52

**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
FY16 Rank:	52		
County:	Hudson	Total State Amount:	\$5,439,141

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
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
			<b>TOTAL POINTS</b>	<b>900.061842</b>

**Project Name, Number**

Bayonne Municipal Utilities Authority  
S340399-26  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

52

**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 Authority's 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 Municipal Utilities Authority		
Project No.:	S340259-06	Eligible Project Cost:	\$5,308,104
FY16 Rank:	54		
County:	Hudson	Total State Amount:	\$5,308,104

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		200
		State Planning Commission		50
		Population		0.040684
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		900.040684

**Project Name, Number**

Kearny Municipal Utilities Authority  
S340259-06  
Pump Stations

**Priority List Rank**

54

**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:	Kearny Town		
Project No.:	S340259-10	Eligible Project Cost:	\$3,558,698
FY16 Rank:	54		
County:	Hudson	Total State Amount:	\$3,558,698

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		200
		State Planning Commission		50
		Population		0.040684
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		900.040684

**Project Name, Number**

Kearny Town  
S340259-10  
Pump Stations

**Priority List Rank**

54

**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
FY16 Rank:	54		
County:	Hudson	Total State Amount:	\$8,518,521

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		200
		State Planning Commission		50
		Population		0.040684
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		900.040684

**Project Name, Number**

Kearny Town  
S340259-11  
Stormwater Management

**Priority List Rank**

54

**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:	Ridgefield Park Village		
Project No.:	S340688-04	Eligible Project Cost:	\$16,713,680
FY16 Rank:	57		
County:	Bergen	Total State Amount:	\$16,713,680

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Ridgefield Park Village  
S340688-04  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

57

**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:	\$800,001
FY16 Rank:	58		
County:	Bergen	Total State Amount:	\$800,001

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
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**

58

**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.:	S340854-02	Eligible Project Cost:	\$402,413
FY16 Rank:	59		
County:	Hudson	Total State Amount:	\$402,413

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
		Subtotal		200
		State Planning Commission		50
		Population		0.008268
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		900.008268

**Project Name, Number**

Guttenberg Town  
S340854-02  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

59

**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:	Medford Lakes Borough		
Project No.:	S340463-06	Eligible Project Cost:	\$4,135,382
FY16 Rank:	60		
County:	Burlington	Total State Amount:	\$4,135,382

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<u>A. Water Use</u>				
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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
			Subtotal	250
			State Planning Commission	0
			Population	0.005
			BDA Points	0
			Transit Villages	0
			<b>TOTAL POINTS</b>	<b>900.005</b>

**Project Name, Number**

Medford Lakes Borough  
S340463-06  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

60

**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 mg/l mg/l  
Medford Lakes Borough (NJ0021326) 0.55 0.41 89.7 19.3 95.6 5.1

**Project Description**

The proposed project consists of the construction of a new Bardenpho treatment process (biological treatment for BOD SS and nutrient removal) combined with rapid sand filters for effluent polishing and the demolition of existing Imhoff tanks trickling filter and slow sand filter. The ultimate sludge disposal will be incorporated into the county-wide sludge management facility.

Anticipated Recipient:	Paterson City		
Project No.:	S345210-01	Eligible Project Cost:	\$100,000
FY16 Rank:	61		
County:	Passaic	Total State Amount:	\$100,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	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**

Paterson City  
S345210-01  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

61

**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:	Jefferson Township		
Project No.:	S340747-05	Eligible Project Cost:	\$19,158,252
FY16 Rank:	62		
County:	Morris	Total State Amount:	\$19,158,252

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
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**

62

**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 mg/l mg/l 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
FY16 Rank:	63		
County:	Warren	Total State Amount:	\$2,607,692

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	25
Toxics	0	25	50	25
		Subtotal		150
		State Planning Commission		0
		Population		0.00489
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		875.00489

**Project Name, Number**

Warren County  
 S340453-03  
 Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

63

**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 Plant (STP) Name (mgd)	Reported BOD	Reported SS (NJPDES)	Design Present	mg/l	mg/l
Blair Academy (Secondary) (NJ0022101)	0.050	0.008	96.1	5.2	90.7
North Warren Regional High School (Secondary) (NJ0031046)	7.4	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
FY16 Rank:	64		
County:	Ocean	Total State Amount:	\$6,223,655

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
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>B. Existing Water Quality</b>				
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
		<b>TOTAL POINTS</b>		<b>850.6</b>

**Project Name, Number**

Ocean County Utilities Authority  
S340372-56  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

64

**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 SWPCF. Since being placed into operation, 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. The operation of the two secondary treatment wastewater treatment plants 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.:	S340697-05	Eligible Project Cost:	\$58,072,111
FY16 Rank:	65		
County:	Monmouth	Total State Amount:	\$58,072,111

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	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**

Bayshore Regional Sewer Authority  
S340697-05  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

65

**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 Facilities 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:	Bayshore Regional Sewer Authority		
Project No.:	S340697-06	Eligible Project Cost:	\$7,916,433
FY16 Rank:	65		
County:	Monmouth	Total State Amount:	\$7,916,433

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<u>A. Water Use</u>				
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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	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
			<b>TOTAL POINTS</b>	<b>850.478</b>

**Project Name, Number**

Bayshore Regional Sewer Authority  
S340697-06  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

65

**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:	Atlantic County Utilities Authority		
Project No.:	S340809-25	Eligible Project Cost:	\$13,641,136
FY16 Rank:	67		
County:	Atlantic	Total State Amount:	\$13,641,136

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		100
		State Planning Commission		0
		Population		0.25
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		850.25

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-25  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

67

**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
FY16 Rank:	67		
County:	Atlantic	Total State Amount:	\$8,610,164

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	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		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	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>B. Existing Water Quality</b>				
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
			<b>TOTAL POINTS</b>	<b>850.25</b>

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-23  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

67

**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:	Atlantic County Utilities Authority		
Project No.:	S340809-27	Eligible Project Cost:	\$3,094,238
FY16 Rank:	67		
County:	Atlantic	Total State Amount:	\$3,094,238

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
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>B. Existing Water Quality</b>				
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**

Atlantic County Utilities Authority  
S340809-27  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

67

**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
FY16 Rank:	67		
County:	Atlantic	Total State Amount:	\$13,442,855

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
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>B. Existing Water Quality</b>				
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
		<b>TOTAL POINTS</b>		<b>850.25</b>

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-26  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

67

**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:	Hudson County Improvement Authority		
Project No.:	S340399-09	Eligible Project Cost:	\$14,038,507
FY16 Rank:	71		
County:	Hudson	Total State Amount:	\$14,038,507

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

71

**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
FY16 Rank:	72		
County:	Monmouth	Total State Amount:	\$3,612,556

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
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>B. Existing Water Quality</b>				
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**

72

**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
FY16 Rank:	73		
County:	Monmouth	Total State Amount:	\$7,760,140

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
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>B. Existing Water Quality</b>				
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**

Two Rivers Water Reclamation Authority  
S340117-02  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

73

**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 Authority's collection system installation of buoyancy prevention devices for plant clarifiers and installation of electrical devices to eliminate single point failures.

Anticipated Recipient:	Middletown Township Sewer Authority		
Project No.:	S340097-04	Eligible Project Cost:	\$19,834,947
FY16 Rank:	74		
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
600	0
500	500
450	0
350	0
300	0
275	0
250	0
225	0
150	0
75	0
50	0
300	0
50	0
Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

Possible Points	Points Scored
200	0
125	125
125	125
75/25	0/0
50	0
25	0
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
			<b>TOTAL POINTS</b>	<b>850.066522</b>

**Project Name, Number**

Middletown Township Sewer Authority  
S340097-04  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

74

**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
FY16 Rank:	75		
County:	Union	Total State Amount:	\$12,027,071

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

75

**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.:	S340635-05	Eligible Project Cost:	\$4,260,119
FY16 Rank:	76		
County:	Hudson	Total State Amount:	\$4,260,119

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
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  
S340635-05  
Stormwater Management - Green Infrastructure

**Priority List Rank**

76

**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 City's sewer system.

Anticipated Recipient:	Hoboken City		
Project No.:	S340635-06	Eligible Project Cost:	\$25,607,620
FY16 Rank:	76		
County:	Hudson	Total State Amount:	\$25,607,620

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

76

**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 NHTA 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 the 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 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 BASF Park (DelayStoreDischarge) is a multi-phase project that includes the acquisition remediation design planning and construction of a 6 acre park in Northwest Hoboken. The project will serve a number of different purposes including but not limited to on-grade stormwater retention on-grade public park and open space sub-surface parking sub-surface stormwater quantity & quality treatment. The sub-surface stormwater storage will be designed to receive approximately 10 million gallons of stormwater flows from the adjacent land area treat for water quality discharge through a new pump and outfall to Weehawken Cove. The sub-surface parking will be designed to accommodate up to 300 vehicles. The surface green infrastructure will be designed to accommodate up to a 10 year 12 hour rain event. The public park will be programmed through the community input process.

Anticipated Recipient:	Hoboken City		
Project No.:	S340635-07	Eligible Project Cost:	\$1,460,102
FY16 Rank:	76		
County:	Hudson	Total State Amount:	\$1,460,102

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
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  
S340635-07  
Combined Sewer Overflow (CSO) - Green Infrastructure

**Priority List Rank**

76

**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	Eligible Project Cost:	\$15,227,976
Project No.:	S340635-04		
FY16 Rank:	76		
County:	Hudson	Total State Amount:	\$15,227,976

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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  
S340635-04  
Stormwater Management - Green Infrastructure

**Priority List Rank**

76

**County**

Hudson

**Existing Population**

50,005

**Service Area**

This project is for the construction of a new wet weather pump station to be owned by Hoboken City, located in Hudson County, New Jersey. The pump station will be maintained and operated by the North Hudson Sewerage Authority (NHSA). The project includes the construction of a new below-grade wet weather pump station, electrical room and standby generator to serve the H5 drainage basin. Also included is a sustainable stormwater project at Hoboken City Hall, which will capture roof runoff using a rainwater cistern and bio-swales.

**Need for Project**

This project is for the construction of a new wet weather pump station to be owned by Hoboken City, located in Hudson County, New Jersey. The pump station will be maintained and operated by the North Hudson Sewerage Authority (NHSA). The project includes the construction of a new below-grade wet weather pump station, electrical room and standby generator to serve the H5 drainage basin. Also included is a sustainable stormwater project at Hoboken City Hall, which will capture roof runoff using a rainwater cistern and bio-swales.

**Project Description**

(Carryover SFY2015) - The City of Hoboken is applying for funding to install pump stations that will help alleviate flooding that occurs during storm conditions and high tide. The City of Hoboken is also proposing implementation for an approximately 14000 gallon rainwater cistern rainwater bio-swales and a re-visualized rear area for passive recreation (i.e. tables and seating) at Hoboken City Hall. The 11696 square foot City Hall roof generates a monthly average of 28196 gallons of stormwater runoff per month. This stormwater is currently directed into the city's combined sewer system.

Anticipated Recipient:	North Bergen Municipal Utilities Authority		
Project No.:	S340399-20	Eligible Project Cost:	\$38,083,680
FY16 Rank:	80		
County:	Hudson	Total State Amount:	\$38,083,680

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

North Bergen Municipal Utilities Authority  
S340399-20  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

80

**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:	Ridgewood Village		
Project No.:	S340639-05	Eligible Project Cost:	\$2,075,987
FY16 Rank:	81		
County:	Bergen	Total State Amount:	\$2,075,987

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
		Subtotal		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**

81

**County**

Bergen

**Existing Population**

24,860

**Service Area**

Village of Ridgewood

**Need for Project**

An Infiltration/Inflow (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
FY16 Rank:	82		
County:	Bergen	Total State Amount:	\$4,915,537

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
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**

Cliffside Park Borough  
S340847-04  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

82

**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
FY16 Rank:	83		
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
600	0
500	500
450	0
350	0
300	0
275	0
250	0
225	0
150	0
75	0
50	0
300	0
50	50
Subtotal	550

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

Possible Points	Points Scored
200	0
125	0
125	125
75/25	75/0
50	0
25	0
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**

Warren County (Pequest River) Municipal Utilities Authority  
S340454-05  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

83

**County**

Warren

**Existing Population**

5,000

**Service Area**

Towns of Oxford and Belvidere and portions 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
FY16 Rank:	84		
County:	Burlington	Total State Amount:	\$914,970

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		100
		State Planning Commission		0
		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**

84

**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-nontrot 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
FY16 Rank:	85		
County:	Middlesex	Total State Amount:	\$813,482

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
		Subtotal		50
		State Planning Commission		0
		Population		0.050814
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		825.050814

**Project Name, Number**

Perth Amboy City  
S340435-13  
Combined Sewer Overflow (CSO) - Green Infrastructure

**Priority List Rank**

85

**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 city's combine sewer system.

Anticipated Recipient:	Jefferson Township		
Project No.:	S340747-02	Eligible Project Cost:	\$1,952,637
FY16 Rank:	86		
County:	Morris	Total State Amount:	\$1,952,637

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
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>B. Existing Water Quality</b>				
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**

86

**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  
mg/l mg/l High and Middle School (secondary) 0.28 Not Available 99.6 5.96 99.9 7.15 White Rock Lake (AWT) (NJ0026867) 0.155  
0.0621 98.7 6.375 95.7 5.0

**Project Description**

Jefferson Township performed a 201 Study for portions of Jefferson which lie both in the Rockaway Basin and Upper Musconetcong Basin (See C340747-05 for description of the Musconetcong plan). The proposed plan for Rockaway consists of expansion and upgrading of the existing White Rock Lake STP to 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
FY16 Rank:	87		
County:	Burlington	Total State Amount:	\$3,866,213

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
		Subtotal		275
		State Planning Commission		0
		Population		0.00315
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		825.00315

**Project Name, Number**

Wrightstown Municipal Utilities Authority  
S340925-01  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

87

**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 Municipal Utilities Authority		
Project No.:	S340928-22	Eligible Project Cost:	\$624,357
FY16 Rank:	88		
County:	Hudson	Total State Amount:	\$624,357

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200 Points Scored 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	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**

Jersey City Municipal Utilities Authority  
S340928-22  
Stormwater Management - Green Infrastructure

**Priority List Rank**

88

**County**

Hudson

**Existing Population**

247,597

**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:	North Hudson Sewer Authority		
Project No.:	S340952-19	Eligible Project Cost:	\$7,480,253
FY16 Rank:	89		
County:	Hudson	Total State Amount:	\$7,480,253

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	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**

North Hudson Sewer Authority  
S340952-19  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

89

**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 within Hoboken, Union City, Weehawken, and West New York. The Adams Street WWTP serves three municipalities, Hoboken, Weehawken, and Union City with a service area of 2.6 square miles. The plant treats all of the sewage generated within the City of Hoboken, approximately 83% of the sewage generated in Weehawken, and 45% of the sewage generated in Union City. The River Road WWTP serves three municipalities, Weehawken, Union City, and West New York with a service area of 1.4 square miles. The plant treats all sewage generated in the Town of West New York, approximately 17% of sewage generated in Weehawken, and 23 % of sewage generated in Union City.

**Need for Project**

Improvements will help maintain the integrity of the aging infrastructure and reduce the quantity of infiltration into the combined sewers. 1.Repair/Upgrade of Combined Sewer Regulators (W1 through W5) - Regulators have antiquated technology and the float and gate mechanisms for all five regulators do not operate efficiently. 2.Repair/Upgrade of Combined Sewer Regulators (H1 through H7, Hillside Road) - devices within the regulators require increased maintenance to keep them operational and have antiquated technology. 3.Sewer Rehabilitation- plant influent is diluted due to excessive groundwater infiltration entering the sewer mains. 4.Sewer Main Extension/Sewer Repair - Baldwin Ave.P.S.'s force main has reached the end of its useful life.The combined sewer flow within Hamilton Ave backs up into upstream sewer mains and tributary homes located upstream. 5.Siphon Improvements - these siphons have not had a significant inspection and one barrel of one siphons if partially blocked.

**Project Description**

(Carryover SFY2015) - 1.RepairUpgrade of Combined Sewer Regulators (W1 through W5) - float and gate mechanisms be replaced vortex valves installed to control velocities. 2.RepairUpgrade of Combined Sewer Regulators (H1 through H7 Hillside Road) - all floats and gates within these structures to be replaced in-kind. 3.Sewer Rehabilitation-rehabilitating various sections of deteriorated piping along New York Avenue between 19th Street and 49th Street. Selected sections of piping to be lined with cure-in-place pipe 4.Sewer Main ExtensionSewer Repair - the influent line to the Baldwin Avenue Pump Station to be rerouted to the18th Street Pump Station thus allowing decommissioning of the Baldwin Avenue Pump Station. The piping on Hamilton Ave. will require epaircorrection. 5.Siphon Improvements - Isolate dewater clean and line the entire 3100 linear feet of the 12-inch barrel of one siphon and inspect the other siphon using sonar technology.

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-21	Eligible Project Cost:	\$2,718,518
FY16 Rank:	89		
County:	Hudson	Total State Amount:	\$2,718,518

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	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**

North Hudson Sewer Authority  
S340952-21  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

89

**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 Hoboken, 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/deteriorated 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 Authority's service area.

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-22	Eligible Project Cost:	\$15,451,847
FY16 Rank:	89		
County:	Hudson	Total State Amount:	\$15,451,847

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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
			<b>TOTAL POINTS</b>	<b>800.2</b>

**Project Name, Number**

North Hudson Sewer Authority  
S340952-22  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

89

**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 Elimination 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.:	S340952-18	Eligible Project Cost:	\$510,792
FY16 Rank:	89		
County:	Hudson	Total State Amount:	\$510,792

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	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**

North Hudson Sewer Authority  
S340952-18  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

89

**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.:	S340952-02	Eligible Project Cost:	\$30,948,777
FY16 Rank:	89		
County:	Hudson	Total State Amount:	\$30,948,777

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

North Hudson Sewer Authority  
S340952-02  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

89

**County**

Hudson

**Existing Population**

200,000

**Service Area**

Hoboken, Weehawken, West New York

**Need for Project**

The Authority's combined sewer system and collection system is subject to excessive amounts of inflow and infiltration causing sewage to overflow during wet weather periods.

**Project Description**

The purpose of the project is to reduce rainfall-induced surcharging in the collection and combined systems. The project involves an infiltration/inflow correction program in conjunction with the replacement/rehabilitation of sections of pipes.

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-24	Eligible Project Cost:	\$2,330,694
FY16 Rank:	89		
County:	Hudson	Total State Amount:	\$2,330,694

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	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**

North Hudson Sewer Authority  
S340952-24  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

89

**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.:	S340952-25	Eligible Project Cost:	\$1,396,910
FY16 Rank:	89		
County:	Hudson	Total State Amount:	\$1,396,910

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	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**

North Hudson Sewer Authority  
S340952-25  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

89

**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.:	S340952-26	Eligible Project Cost:	\$681,251
FY16 Rank:	89		
County:	Hudson	Total State Amount:	\$681,251

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

North Hudson Sewer Authority  
S340952-26  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

89

**County**

Hudson

**Existing Population**

200,000

**Service Area**

The North Hudson Sewerage Authority services the City of Hoboken, West New York, Weehawken and Union City

**Need for Project**

Clean water

**Project Description**

This project includes the following improvements at the Adams Street WWTP 1. Replacement of microstrainers 3 and 6. 2. Replacement of the existing sodium hypochlorite storage tank 3. Replacement of deteriorated gratings and support beams throughout the plant

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-23	Eligible Project Cost:	\$3,032,199
FY16 Rank:	89		
County:	Hudson	Total State Amount:	\$3,032,199

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

North Hudson Sewer Authority  
S340952-23  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

89

**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.:	S340952-27	Eligible Project Cost:	\$500,308
FY16 Rank:	89		
County:	Hudson	Total State Amount:	\$500,308

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	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**

North Hudson Sewer Authority  
S340952-27  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

89

**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.:	S340952-29	Eligible Project Cost:	\$1,199,640
FY16 Rank:	99		
County:	Hudson	Total State Amount:	\$1,199,640

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

North Hudson Sewer Authority  
S340952-29  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

99

**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
FY16 Rank:	99		
County:	Hudson	Total State Amount:	\$2,454,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	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**

North Hudson Sewer Authority  
S340952-30  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

99

**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), replacement of Trickling Filter Pump Station Recirculation Valves and the installation of Gas Detection System for the Primary Facilities Building.

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-28	Eligible Project Cost:	\$1,200,000
FY16 Rank:	99		
County:	Hudson	Total State Amount:	\$1,200,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	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**

North Hudson Sewer Authority  
S340952-28  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

99

**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:	\$3,000,001
FY16 Rank:	99		
County:	Hudson	Total State Amount:	\$3,000,001

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	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**

North Hudson Sewer Authority  
S345190-01  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

99

**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 Sewer Authority		
Project No.:	S340820-04	Eligible Project Cost:	\$5,860,527
FY16 Rank:	103		
County:	Monmouth	Total State Amount:	\$5,860,527

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	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**

Long Branch Sewer Authority  
S340820-04  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

103

**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
FY16 Rank:	104		
County:	Hudson	Total State Amount:	\$3,997,392

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	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**

Hudson County Improvement Authority  
S340652-01  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

104

**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
FY16 Rank:	105		
County:	Burlington	Total State Amount:	\$410,205

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	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**

105

**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
FY16 Rank:	106		
County:	Essex	Total State Amount:	\$327,401

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Passaic Valley Sewerage Commission  
S340689-35  
Stormwater Management - Green Infrastructure

**Priority List Rank**

106

**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**

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**

PVSC's 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.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-36	Eligible Project Cost:	\$210,429
FY16 Rank:	106		
County:	Essex	Total State Amount:	\$210,429

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Passaic Valley Sewerage Commission  
S340689-36  
Stormwater Management - Green Infrastructure

**Priority List Rank**

106

**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
FY16 Rank:	108		
County:	Mercer	Total State Amount:	\$11,495,634

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	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**

Hamilton Township  
S340898-01  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

108

**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.:	S345220-01	Eligible Project Cost:	\$920,504
FY16 Rank:	109		
County:	Middlesex	Total State Amount:	\$920,504

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet 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  
S345220-01  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

109

**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.:	S340435-12	Eligible Project Cost:	\$430,399
FY16 Rank:	109		
County:	Middlesex	Total State Amount:	\$430,399

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet 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  
S340435-12  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

109

**County**

Middlesex

**Existing Population**

50,814

**Service Area**

Proposed project is within the boundaries of the City of Perth Amboy.

**Need for Project**

The replacement of broken and open mouth catch basins will reduce the amount of floatables from getting into the combine sewer system and therefore reducing the amount of floatables that may enter into the receiving waters during overflows.

**Project Description**

(Carryover SFY2015) - The proposed project will include replacement of deteriorated and broken catch basins at various locations throughout the city.

Anticipated Recipient:	Perth Amboy City		
Project No.:	S340435-14	Eligible Project Cost:	\$2,500,000
FY16 Rank:	109		
County:	Middlesex	Total State Amount:	\$2,500,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet 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**

Perth Amboy City  
S340435-14  
Combined Sewer Overflow (CSO) - Green Infrastructure

**Priority List Rank**

109

**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
FY16 Rank:	109		
County:	Middlesex	Total State Amount:	\$6,459,351

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	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**

109

**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.:	S340435-15	Eligible Project Cost:	\$1,680,000
FY16 Rank:	109		
County:	Middlesex	Total State Amount:	\$1,680,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet 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  
S340435-15  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

109

**County**

Middlesex

**Existing Population**

50,814

**Service Area**

Limits within the City of Perth Amboy

**Need for Project**

NA

**Project Description**

On December 11, 2014 the 48 inch trunk sewer main servicing Perth Amboy, Woodbridge and Carteret and located near the intersection of Florida Grove Road and Lucille Dr. in the Keasby section of Woodbridge collapsed rendering the sewer main inoperable. This created an unsafe and a potential health problem to the residential neighborhood around this area. By-pass pumping system had to immediately be installed to by pass the sewerage from all three municipalities to the next available man hole. The road cave in and the hole continued to enlarge to a point that it was already getting very close to the front yard of the house in front of the cave in. All of the dirt went inside the sewer main and dragged to the Middlesex County Utilities Authority treatment plant. Woodbridge immediately made arrangements to have a contractor start the repairs of the trunk sewer main immediately.

Anticipated Recipient:	Perth Amboy City		
Project No.:	S340435-16	Eligible Project Cost:	\$1,120,000
FY16 Rank:	109		
County:	Middlesex	Total State Amount:	\$1,120,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet 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  
S340435-16  
Combined Sewer Overflow (CSO) - Green Infrastructure

**Priority List Rank**

109

**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:	West Milford Municipal Utilities Authority		
Project No.:	S340701-11	Eligible Project Cost:	\$9,189,254
FY16 Rank:	115		
County:	Passaic	Total State Amount:	\$9,189,254

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

West Milford Municipal Utilities Authority  
S340701-11  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

115

**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
FY16 Rank:	115		
County:	Passaic	Total State Amount:	\$301,823

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.02585
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		775.02585

**Project Name, Number**

West Milford Municipal Utilities Authority  
S340701-12  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

115

**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:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-27	Eligible Project Cost:	\$433,539
FY16 Rank:	117		
County:	Hudson	Total State Amount:	\$433,539

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.247597
		BDA Points		0
		Transit Villages		10
		TOTAL POINTS		760.247597

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-27  
Stormwater Management - Green Infrastructure

**Priority List Rank**

117

**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.:	S340928-23	Eligible Project Cost:	\$1,846,000
FY16 Rank:	117		
County:	Hudson	Total State Amount:	\$1,846,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200 Points Scored 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	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	760.247597

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-23  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

117

**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.:	S340928-24	Eligible Project Cost:	\$17,050,000
FY16 Rank:	117		
County:	Hudson	Total State Amount:	\$17,050,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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	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	760.247597

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-24  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

117

**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 pursuing 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:	Hackensack City		
Project No.:	S340923-12	Eligible Project Cost:	\$5,903,680
FY16 Rank:	120		
County:	Bergen	Total State Amount:	\$5,903,680

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	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  
S340923-12  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

120

**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:	Atlantic County Utilities Authority		
Project No.:	S340809-08	Eligible Project Cost:	\$1,640,997
FY16 Rank:	121		
County:	Atlantic	Total State Amount:	\$1,640,997

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Atlantic County Utilities Authority  
S340809-08  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

121

**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
FY16 Rank:	122		
County:	Cumberland	Total State Amount:	\$1,054,062

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	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**

Cumberland County Utilities Authority  
S340550-07  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

122

**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.:	S340801-07	Eligible Project Cost:	\$14,834,451
FY16 Rank:	123		
County:	Somerset	Total State Amount:	\$14,834,451

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
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**

Somerset Raritan Valley Sewer Authority  
S340801-07  
Sewage Treatment Plant (STP) - New

**Priority List Rank**

123

**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
FY16 Rank:	124		
County:	Morris	Total State Amount:	\$9,782,685

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

124

**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 includes the construction of advanced wastewater treatment facilities at the existing RVRSA treatment plant. The new facilities will consist of chemical addition equipment process reactors and advanced solidsliquid separation treatment facilities.

Anticipated Recipient:	Neptune Township Sewerage Authority		
Project No.:	S340410-05	Eligible Project Cost:	\$10,684,529
FY16 Rank:	125		
County:	Monmouth	Total State Amount:	\$10,684,529

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Neptune Township Sewerage Authority  
S340410-05  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

125

**County**

Monmouth

**Existing Population**

34,727

**Service Area**

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

**Need for Project**

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

**Project Description**

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

Anticipated Recipient:	Evesham Municipal Utilities Authority		
Project No.:	S340463-05	Eligible Project Cost:	\$7,132,162
FY16 Rank:	126		
County:	Burlington	Total State Amount:	\$7,132,162

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
		Subtotal		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**

126

**County**

Burlington

**Existing Population**

28,670

**Service Area**

Evesham Township (Woodstream)

**Need for Project**

The South Branch of the Pennsauken Creek is classified as FW2-NT nontrout waters with industrial water use. The existing water quality is violated for fecal coliform and toxics with marginal violation of dissolved oxygen. The effluent from the existing wastewater treatment facilities have exceeded the assimilative capacity of the stream and the facilities do not afford the degree of treatment to safely accommodate the current and future population within the Project Area. The following is the existing inventory of the wastewater facilities Sewage Treatment 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
FY16 Rank:	127		
County:	Cumberland	Total State Amount:	\$10,491,204

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
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**

Millville City  
S340921-07  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

127

**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 addtl 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 masonry 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.

Anticipated Recipient:	Edgewater Municipal Utilities Authority		
Project No.:	S340446-09	Eligible Project Cost:	\$2,451,173
FY16 Rank:	128		
County:	Bergen	Total State Amount:	\$2,451,173

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
		Subtotal		200
		State Planning Commission		0
		Population		0.01
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		750.01

**Project Name, Number**

Edgewater Municipal Utilities Authority  
S340446-09  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

128

**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 Authority's 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 facility's outfall pipe further into the Hudson River to provide an adequate mixing zone.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-23	Eligible Project Cost:	\$134,646,201
FY16 Rank:	128		
County:	Essex	Total State Amount:	\$134,646,201

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Passaic Valley Sewerage Commission  
S340689-23  
Emergency Generator

**Priority List Rank**

128

**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 due to storm surge flooding as a result of Superstorm Sandy causing complete bypassing of the treatment facilities for multiple days following the storm and the inability to fully comply with its effluent permit requirements for months following the storm. This project will provide standby power to prevent loss of power due to future grid failures enabling PVSC to continue to operate its treatment plant and avoid future bypasses. It will also provide perimeter flood walls to prevent storm surge flooding of buildings process equipment and electrical systems.

**Project Description**

This project includes the construction of flood walls around the perimeter of PVSCs treatment plant the construction of an onsite standby power plant of sufficient capacity to power the entire process in the event of a grid failure and stormwater pumping stations to prevent flooding within the perimeter of the flood walls.

Anticipated Recipient:	Delaware Township Municipal Utilities Authority		
Project No.:	S340917-01	Eligible Project Cost:	\$3,866,213
FY16 Rank:	129		
County:	Hunterdon	Total State Amount:	\$3,866,213

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
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**

Delaware Township Municipal Utilities Authority  
S340917-01  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

129

**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 mg/liter Proposed Limit - 0.5 mg/liter ) copper (No existing limit - Proposed 14.4 micrograms/liter) and bromodichloromethane (No Existing Limit - Proposed 1.1 micrograms/liter). 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.:	S340794-08	Eligible Project Cost:	\$1,874,782
FY16 Rank:	130		
County:	Burlington	Total State Amount:	\$1,874,782

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		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**

130

**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:	Pompton Lakes Municipal Utilities Authority		
Project No.:	S340636-08	Eligible Project Cost:	\$985,189
FY16 Rank:	131		
County:	Passaic	Total State Amount:	\$985,189

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	15
			Population	0.011097
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	740.011097

**Project Name, Number**

Pompton Lakes Municipal Utilities Authority  
S340636-08  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

131

**County**

Passaic

**Existing Population**

11,097

**Service Area**

Entire Borough of Pompton Lakes, Passaic County, New Jersey

**Need for Project**

N/A

**Project Description**

This project will replace the internal mechanisms in all six (6) circular clarifiers.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-37	Eligible Project Cost:	\$10,501,600
FY16 Rank:	132		
County:	Essex	Total State Amount:	\$10,501,600

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Passaic Valley Sewerage Commission  
S340689-37  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

132

**County**

Essex

**Existing Population**

1,490,904

**Service Area**

PVSC serves 48 municipalities in 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. Additionally, the substation has exceeded its useful life and is in need of replacement. The substation is required to maintain operation of the treatment plant.

**Project Description**

The work under this project is 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. The project includes new ductbank 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.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-40	Eligible Project Cost:	\$122,842,891
FY16 Rank:	132		
County:	Essex	Total State Amount:	\$122,842,891

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
		Subtotal		50
		State Planning Commission		50
		Population		1.490904
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		726.490904

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-40  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

132

**County**

Essex

**Existing Population**

1,490,904

**Service Area**

PVSC serves 48 municipalities in 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 electrical 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 electrical switchgear and MCCs throughout the wastewater treatment plant that 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
FY16 Rank:	132		
County:	Essex	Total State Amount:	\$18,974,800

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Passaic Valley Sewerage Commission  
S340689-38  
Sewage Treatment Plant (STP) - New

**Priority List Rank**

132

**County**

Essex

**Existing Population**

1,490,904

**Service Area**

PVSC serves 48 municipalities in 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, it 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 preparation, concrete lining and resurfacing of all 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.:	S340689-43	Eligible Project Cost:	\$43,388,560
FY16 Rank:	132		
County:	Essex	Total State Amount:	\$43,388,560

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater 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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
		Subtotal		50
		State Planning Commission		50
		Population		1.490904
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		726.490904

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-43  
Stormwater Management

**Priority List Rank**

132

**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
FY16 Rank:	132		
County:	Essex	Total State Amount:	\$21,399,040

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater 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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
		Subtotal		50
		State Planning Commission		50
		Population		1.490904
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		726.490904

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-42  
Stormwater Management

**Priority List Rank**

132

**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 treatment plant from extreme weather events. The construction of the floodwall requires that the stormwater collection system within the wall be redesigned and reconstructed to prevent internal 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:	Passaic Valley Sewerage Commission		
Project No.:	S340689-23	Eligible Project Cost:	\$149,620,317
FY16 Rank:	132		
County:	Essex	Total State Amount:	\$149,620,317

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Passaic Valley Sewerage Commission  
S340689-23  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

132

**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
FY16 Rank:	132		
County:	Essex	Total State Amount:	\$7,551,288

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Passaic Valley Sewerage Commission  
S345200-01  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

132

**County**

Essex

**Existing Population**

1,490,904

**Service Area**

PVSC serves 48 municipalities in 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
FY16 Rank:	132		
County:	Essex	Total State Amount:	\$4,222,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Passaic Valley Sewerage Commission  
S340689-39  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

132

**County**

Essex

**Existing Population**

1,490,904

**Service Area**

PVSC serves 48 municipalities in 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 purposes 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 treatment 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.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S345200-02	Eligible Project Cost:	\$2,000,000
FY16 Rank:	132		
County:	Essex	Total State Amount:	\$2,000,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet 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**

Passaic Valley Sewerage Commission  
S345200-02  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

132

**County**

Essex

**Existing Population**

1,490,904

**Service Area**

PVSC serves 48 municipalities in 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.:	S340689-41	Eligible Project Cost:	\$96,462,000
FY16 Rank:	141		
County:	Essex	Total State Amount:	\$96,462,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater 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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
		Subtotal		50
		State Planning Commission		50
		Population		1.409904
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		726.409904

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-41  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

141

**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 perimeter of the Wastewater Treatment Plant to protect the plant during extreme weather events.

**Project Description**

The PVSC proposes construction of a flood wall at its 140+ acre regional wastewater treatment facility located at 600 Wilson Avenue, Newark, New Jersey. The purpose of the project is to mitigate against the future risk of storm damage and consequent risk of service disruption. The New Jersey Department of Environmental Protection (NJDEP) has identified the PVSC facility as a critical component of New Jersey's infrastructure and has recommended that the facility be protected from similar events. Recent guidance issued by the NJDEP calls for the protection of wastewater treatment plants as critical infrastructure to the 500-year or 0.2% annual chance storm event consistent with Presidential executive orders. The flood wall will allow PVSC to keep the facility in operation. PVSC, through the New Jersey Office of Emergency Management, requested public assistance funding from the Department of Homeland Security, FEMA for the proposed project.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-26	Eligible Project Cost:	\$58,205,014
FY16 Rank:	142		
County:	Essex	Total State Amount:	\$58,205,014

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Passaic Valley Sewerage Commission  
S340689-26  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

142

**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
FY16 Rank:	142		
County:	Essex	Total State Amount:	\$17,986,421

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater 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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet 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**

Passaic Valley Sewerage Commission  
S340689-24  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

142

**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 and/or 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.:	S340689-34	Eligible Project Cost:	\$2,844,687
FY16 Rank:	142		
County:	Essex	Total State Amount:	\$2,844,687

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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
			<b>TOTAL POINTS</b>	<b>726.35</b>

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-34  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

142

**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:	Passaic Valley Sewerage Commission		
Project No.:	S340689-22	Eligible Project Cost:	\$2,731,177
FY16 Rank:	142		
County:	Essex	Total State Amount:	\$2,731,177

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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
			<b>TOTAL POINTS</b>	<b>726.35</b>

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-22  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

142

**County**

Essex

**Existing Population**

1,350,000

**Service Area**

48 municipalities in portions of Bergen, Hudson, Essex, Passaic and Union Counties.

**Need for Project**

This project is to implement improvements to PVSC's Yantacaw Pump Station located in Clifton, NJ. The pump station improvements are necessary to ensure long term proper operation of the facility.

**Project Description**

(Carryover SFY2015) - The project consists of installation of a new flow meter replacement of existing pumps with dry pit submersible pumps with VFD controllers replacement of all suction and discharge piping and valves replacement of sump pumps improvements to the existing communitors and slide gate support system. The work will also include sidewalk repairs leak repairs and miscellaneous electrical and instrumentation upgrades.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-25	Eligible Project Cost:	\$9,070,281
FY16 Rank:	142		
County:	Essex	Total State Amount:	\$9,070,281

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Passaic Valley Sewerage Commission  
S340689-25  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

142

**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 severely 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 its 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.:	S340689-33	Eligible Project Cost:	\$5,921,310
FY16 Rank:	142		
County:	Essex	Total State Amount:	\$5,921,310

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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
			<b>TOTAL POINTS</b>	<b>726.35</b>

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-33  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

142

**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.:	S340689-30	Eligible Project Cost:	\$1,733,643
FY16 Rank:	142		
County:	Essex	Total State Amount:	\$1,733,643

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Passaic Valley Sewerage Commission  
S340689-30  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

142

**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
FY16 Rank:	142		
County:	Essex	Total State Amount:	\$1,780,655

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Passaic Valley Sewerage Commission  
S340689-31  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

142

**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
FY16 Rank:	142		
County:	Essex	Total State Amount:	\$1,804,876

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Passaic Valley Sewerage Commission  
S340689-32  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

142

**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.:	S340689-29	Eligible Project Cost:	\$60,117,586
FY16 Rank:	142		
County:	Essex	Total State Amount:	\$60,117,586

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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
			<b>TOTAL POINTS</b>	<b>726.35</b>

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-29  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

142

**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 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 relocate 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
FY16 Rank:	142		
County:	Essex	Total State Amount:	\$3,340,073

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Passaic Valley Sewerage Commission  
S340689-28  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

142

**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 ability 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:	Atlantic County Utilities Authority		
Project No.:	S340809-09	Eligible Project Cost:	\$2,718,518
FY16 Rank:	153		
County:	Atlantic	Total State Amount:	\$2,718,518

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
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>B. Existing Water Quality</b>				
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**

153

**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
FY16 Rank:	154		
County:	Bergen	Total State Amount:	\$3,753,040

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	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**

154

**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
FY16 Rank:	154		
County:	Bergen	Total State Amount:	\$5,177,348

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
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  
S340700-13  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

154

**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
FY16 Rank:	156		
County:	Mercer	Total State Amount:	\$12,293,391

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	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**

East Windsor Municipal Utilities Authority  
S340536-08  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

156

**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
FY16 Rank:	157		
County:	Salem	Total State Amount:	\$7,211,095

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	25
		Subtotal		175
		State Planning Commission		0
		Population		0.015
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		725.015

**Project Name, Number**

Pennsville Sewerage Authority  
S340870-02  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

157

**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
FY16 Rank:	158		
County:	Gloucester	Total State Amount:	\$1,114,504

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	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**

Harrison Township  
S340362-05  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

158

**County**

Gloucester

**Existing Population**

8,788

**Service Area**

Harrison Township

**Need for Project**

Installation of solar panels will make Harrison's 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
FY16 Rank:	159		
County:	Gloucester	Total State Amount:	\$2,294,564

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Gloucester County Utilities Authority  
S340526-06  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

159

**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 mg/l mg/l Gibbstown(Secondary)(NJ0030333) 1.0 0.77 92.2 19.8 89 25.7

**Project Description**

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

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-28	Eligible Project Cost:	\$2,264,516
FY16 Rank:	160		
County:	Hudson	Total State Amount:	\$2,264,516

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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				50
Population				0.247597
BDA Points				0
Transit Villages				10
TOTAL POINTS				710.247597

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-28  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

160

**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.:	S340928-21	Eligible Project Cost:	\$6,832,571
FY16 Rank:	160		
County:	Hudson	Total State Amount:	\$6,832,571

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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				50
Population				0.247597
BDA Points				0
Transit Villages				10
TOTAL POINTS				710.247597

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-21  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

160

**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:	Bergen County Utilities Authority		
Project No.:	S340386-17	Eligible Project Cost:	\$8,621,779
FY16 Rank:	162		
County:	Bergen	Total State Amount:	\$8,621,779

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.49114
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		700.49114

**Project Name, Number**

Bergen County Utilities Authority  
S340386-17  
Alternative Energy

**Priority List Rank**

162

**County**

Bergen

**Existing Population**

491,140

**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 Authority utilizes two 1.4 megawatt Combined Heat and Power (CHP) cogeneration units to burn the annual average 300 million cubic feet of biogas produced from the five anaerobic digesters. The CHP units primarily use biogas but occasionally requires the additional of natural gas to sustain the engine operation. Even with two CHP units, the Authority has to flare of the biogas due to periodic shutdown of the unit for maintenance, variability of biogas content and shutdown during the summer months. In 2012, the two cogeneration engines burned a combined total of 138 million cubic feet of biogas or 69 million cubic feet per engine while under maximum capacity of 200 million cubic feet of biogas. Over the last two years, the Authority has been flaring approximately 100 million cubic feet of biogas per year. The quantity is expected to increase with the retrofitting of antiquated and inefficient boilers from biogas to natural gas. A third similar sized CHP engine installed in the uni

**Project Description**

(Carryover SFY2015) - The proposed project for improvements to cogeneration units at the Little Ferry Water Pollution Control Facility includes the retrofitting of antiquated and inefficient boilers from biogas to natural gas and installation of a CHP engine to consume any biogas that would be flared and can operate during down times for either of the other two engines. A third CHP cogeneration unit is recommended in lieu of flaring of the biogas to increase onsite generation of electricity thus less electricity can be purchased.

Anticipated Recipient:	Ewing Lawrence Sewer Authority		
Project No.:	S340391-10-1	Eligible Project Cost:	\$3,122,760
FY16 Rank:	163		
County:	Mercer	Total State Amount:	\$3,122,760

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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	0
Subtotal				150
State Planning Commission				0
Population				0.068832
BDA Points				0
Transit Villages				0
TOTAL POINTS				675.068832

**Project Name, Number**

Ewing Lawrence Sewer Authority  
S340391-10-1  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

163

**County**

Mercer

**Existing Population**

68,832

**Service Area**

ELSA provides sewer service to a 39 square mile area of Ewing and Lawrence Townships and a small part of Hopewell Township. ELSA's sewer service area is shown in the Mercer County Wastewater Management Plan

**Need for Project**

This project is needed to enable ELSA to comply with new effluent limit for DCBM and thereby improve water quality. It is also needed to replace equipment and systems at the end of their useful service life so the ELSA's ability to continue achieve permit compliance and water quality protection is not compromised.

**Project Description**

Supplemental Loan for Project Number S-340391-10 which is currently under construction. Supplemental funding is desired as soon as possible.

Anticipated Recipient:	Gloucester City		
Project No.:	S340958-06	Eligible Project Cost:	\$566,905
FY16 Rank:	164		
County:	Camden	Total State Amount:	\$566,905

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Gloucester City  
S340958-06  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

164

**County**

Camden

**Existing Population**

11,456

**Service Area**

The Sewer Service Area included in these projects is the City of Gloucester City in Camden County, New Jersey

**Need for Project**

The existing combined sewer mains on Cumberland Street, Monmouth Street and Hudson Street have collapsed and are over 100 years in age and pose a threat to public safety.

**Project Description**

(Carryover SFY2015) - The Water Street Combined Sewer Project includes the removal and replacement of the existing combined sewer on Water Street.

Anticipated Recipient:	Gloucester City		
Project No.:	S340958-08	Eligible Project Cost:	\$1,784,806
FY16 Rank:	164		
County:	Camden	Total State Amount:	\$1,784,806

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.011456
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		665.011456

**Project Name, Number**

Gloucester City  
S340958-08  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

164

**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.:	S340386-09	Eligible Project Cost:	\$31,783,125
FY16 Rank:	166		
County:	Bergen	Total State Amount:	\$31,783,125

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	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**

166

**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 Cliffs 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 Cliffs 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.:	S340386-11	Eligible Project Cost:	\$15,439,092
FY16 Rank:	166		
County:	Bergen	Total State Amount:	\$15,439,092

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	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**

166

**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:	Bergen County Utilities Authority		
Project No.:	S340386-12	Eligible Project Cost:	\$13,000,360
FY16 Rank:	166		
County:	Bergen	Total State Amount:	\$13,000,360

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	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  
S340386-12  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

166

**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.:	S340386-18	Eligible Project Cost:	\$2,491,339
FY16 Rank:	166		
County:	Bergen	Total State Amount:	\$2,491,339

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.49114
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		650.49114

**Project Name, Number**

Bergen County Utilities Authority  
S340386-18  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

166

**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
FY16 Rank:	166		
County:	Bergen	Total State Amount:	\$19,537,263

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

166

**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
FY16 Rank:	166		
County:	Bergen	Total State Amount:	\$42,094,280

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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  
Alternative Energy

**Priority List Rank**

166

**County**

Bergen

**Existing Population**

491,140

**Service Area**

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**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
FY16 Rank:	166		
County:	Bergen	Total State Amount:	\$54,172,587

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

166

**County**

Bergen

**Existing Population**

491,140

**Service Area**

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**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:	Mansfield Township		
Project No.:	S340935-01	Eligible Project Cost:	\$1,396,910
FY16 Rank:	173		
County:	Warren	Total State Amount:	\$1,396,910

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
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**

173

**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
FY16 Rank:	174		
County:	Hunterdon	Total State Amount:	\$311,009

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Raritan Township Municipal Utilities Authority  
S340485-05  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

174

**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
FY16 Rank:	175		
County:	Burlington	Total State Amount:	\$5,356,597

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	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**

175

**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.:	S340689-16	Eligible Project Cost:	\$13,000,360
FY16 Rank:	176		
County:	Essex	Total State Amount:	\$13,000,360

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater 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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
		Subtotal		50
		State Planning Commission		50
		Population		1.35
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		626.35

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-16  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

176

**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:	Passaic Valley Sewerage Commission		
Project No.:	S340689-19	Eligible Project Cost:	\$63,223,700
FY16 Rank:	176		
County:	Essex	Total State Amount:	\$63,223,700

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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
	<b>Subtotal</b>	<b>500</b>

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater 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
	<b>Subtotal</b>	<b>25</b>

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet 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
			<b>Subtotal</b>	<b>50</b>
			State Planning Commission	50
			Population	1.35
			BDA Points	0
			Transit Villages	0
			<b>TOTAL POINTS</b>	<b>626.35</b>

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-19  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

176

**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:	Seaside Park Borough		
Project No.:	S344200-02	Eligible Project Cost:	\$1,445,429
FY16 Rank:	177		
County:	Ocean	Total State Amount:	\$1,445,429

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.002263
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		590.002263

**Project Name, Number**

Seaside Park Borough  
S344200-02  
Stormwater Management

**Priority List Rank**

177

**County**

Ocean

**Existing Population**

2,263

**Service Area**

Seaside Park 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. 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.

**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:	Wanaque Valley Regional Sewer Authority		
Project No.:	S340780-04	Eligible Project Cost:	\$3,774,303
FY16 Rank:	178		
County:	Passaic	Total State Amount:	\$3,774,303

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	25
Toxics	0	25	50	0
		Subtotal		75
		State Planning Commission		0
		Population		0.049211
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		625.049211

**Project Name, Number**

Wanaque Valley Regional Sewer Authority  
S340780-04  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

178

**County**

Passaic

**Existing Population**

49,211

**Service Area**

The service area for WVRSA is Wanaque, Ringwood and West Milford.

**Need for Project**

The project is necessary for several reasons. The generators are required to prevent power outages, which will result in sewer overflows and untreated wastewater to be discharged. The other improvements are upgrades to the existing equipment that have been damaged by Superstorm Sandy, at the end of their useful life or appropriate to facilitate operations and ensure a reliable and high level of wastewater treatment.

**Project Description**

(Carryover SFY2015) - The proposed Authority capital improvement projects consist of the following (1) installation of a new gas generator at the wastewater treatment facility and at the main pumping station (2) mechanical aerators and drives with increased aeration capacity for the existing oxidation ditch process system (3) upgrade of three influent pumps and drives to 40 HP (4) installation of a rotary drum sludge thickener system (5) non-potable water pumps dilution water pumps and drives (6) covering of septage receiving area (7) mixers on sludge holding tanks (8) replacement of microscreen grid screens and backwash pumps and (9) upgrade of discharge channel ultraviolet disinfection system.

Anticipated Recipient:	Wanaque Valley Regional Sewer Authority		
Project No.:	S340780-04-1	Eligible Project Cost:	\$1,000,000
FY16 Rank:	178		
County:	Passaic	Total State Amount:	\$1,000,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	25
Toxics	0	25	50	0
		Subtotal		75
		State Planning Commission		0
		Population		0.049211
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		625.049211

**Project Name, Number**

Wanaque Valley Regional Sewer Authority  
S340780-04-1  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

178

**County**

Passaic

**Existing Population**

49,211

**Service Area**

The service area for WVRSA is Wanaque, Ringwood and West Milford.

**Need for Project**

The project is necessary for several reasons. The generators are required to prevent power outages, which will result in sewer overflows and untreated wastewater to be discharged. The other improvements are upgrades to the existing equipment that have been damaged by Superstorm Sandy, at the end of their useful life or appropriate to facilitate operations and ensure a reliable and high level of wastewater treatment.

**Project Description**

The proposed Authority capital improvement projects consist of the following: (1) installation of new gas generators at the wastewater treatment facility and at the main pumping station; (2) mechanical aerators and drives with increased aeration capacity for the existing oxidation ditch process system; (3) upgrade of three influent pumps and drives to 40 HP; (4) installation of a rotary drum sludge thickener system; (5) non-potable water pumps, dilution water pumps and drives; (6) mixers on sludge holding tanks; and (8) upgrade of discharge channel ultraviolet disinfection system.

Anticipated Recipient:	Roxbury Township		
Project No.:	S340381-07	Eligible Project Cost:	\$8,050,000
FY16 Rank:	180		
County:	Morris	Total State Amount:	\$8,050,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	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**

180

**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.:	S340485-09	Eligible Project Cost:	\$2,718,518
FY16 Rank:	181		
County:	Hunterdon	Total State Amount:	\$2,718,518

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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				0.0225
BDA Points				0
Transit Villages				0
TOTAL POINTS				625.0225

**Project Name, Number**

Raritan Township Municipal Utilities Authority  
S340485-09  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

181

**County**

Hunterdon

**Existing Population**

22,500

**Service Area**

Portions of Raritan Township and Readington Township. All of Flemington Borough.

**Need for Project**

Optimize Plant Treatment, safety and reliability

**Project Description**

(Carryover SFY2015) - The proposed project includes replacing the Plant Motor Control Center replacing the Existing Main Electrical Feeders Switch Gear Distribution Breakers and relocate into better less corrosive environment. Construct weather tight enclosure for equipment.

Anticipated Recipient:	Raritan Township Municipal Utilities Authority		
Project No.:	S340485-12	Eligible Project Cost:	\$4,709,999
FY16 Rank:	182		
County:	Hunterdon	Total State Amount:	\$4,709,999

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Raritan Township Municipal Utilities Authority  
S340485-12  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

182

**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.:	S340924-05	Eligible Project Cost:	\$1,559,892
FY16 Rank:	183		
County:	Hunterdon	Total State Amount:	\$1,559,892

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally 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  
S340924-05  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

183

**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 Jersey 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 reliability 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
FY16 Rank:	184		
County:	Warren	Total State Amount:	\$3,997,392

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	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**

Allamuchy Township  
S340256-02  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

184

**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 additional 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
FY16 Rank:	185		
County:	Gloucester	Total State Amount:	\$37,750,220

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.2
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		615.2

**Project Name, Number**

Gloucester County Utilities Authority  
S340902-14  
Alternative Energy

**Priority List Rank**

185

**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
FY16 Rank:	186		
County:	Union	Total State Amount:	\$11,199,679

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Joint Meeting of Essex & Union Counties  
S340686-04  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

186

**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 reliability.

**Project Description**

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

Anticipated Recipient:	Newark City		
Project No.:	S340815-16	Eligible Project Cost:	\$5,923,270
FY16 Rank:	187		
County:	Essex	Total State Amount:	\$5,923,270

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	100	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

187

**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 involves the acquisition 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 jettors 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
FY16 Rank:	187		
County:	Essex	Total State Amount:	\$4,653,327

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	100	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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  
S340815-19  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

187

**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:	\$7,180,000
FY16 Rank:	189		
County:	Gloucester	Total State Amount:	\$7,180,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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  
Alternative Energy

**Priority List Rank**

189

**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.:	S344100-02	Eligible Project Cost:	\$5,935,359
FY16 Rank:	190		
County:	Ocean	Total State Amount:	\$5,935,359

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.026535
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		600.026535

**Project Name, Number**

Stafford Township  
S344100-02  
Equipment Purchase (Clean Water)

**Priority List Rank**

190

**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:	Stafford Township		
Project No.:	S344100-03	Eligible Project Cost:	\$3,046,458
FY16 Rank:	190		
County:	Ocean	Total State Amount:	\$3,046,458

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

Stafford Township  
S344100-03  
Stormwater Management

**Priority List Rank**

190

**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 chemicals prior to discharge into the Barnegat Bay.

**Project Description**

(Carryover SFY2015) - The proposed project includes the construction and/or retrofit of one or more stormwater basins to improve its ability to remove nitrogen.

Anticipated Recipient:	Buena Borough Municipal Utilities Authority		
Project No.:	S340518-04	Eligible Project Cost:	\$2,049,114
FY16 Rank:	192		
County:	Atlantic	Total State Amount:	\$2,049,114

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Buena Borough Municipal Utilities Authority  
S340518-04  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

192

**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:	Allentown Borough		
Project No.:	S340567-05	Eligible Project Cost:	\$5,661,196
FY16 Rank:	193		
County:	Monmouth	Total State Amount:	\$5,661,196

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	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**

Allentown Borough  
S340567-05  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

193

**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 Doctors Creek. The WWTP presently requires improvements and repairs. Mechanical equipment and pumps need to be replaced and the sand filters and trickling filter need to be repaired and upgraded. The Borough has investigated two alternatives to address the situation. The first alternative is to replace the existing WWTP with an Activated Sludge Plant which will meet the NJDEP discharge requirements and also to be more efficient than the existing plant. Once completed and operational, the existing WWTP will be decommissioned and demolished. The second alternative is to construct a wastewater pump station to ultimately convey the wastewater to Hamilton Township treatment facility. Upon completion of the project, the existing WWTP will be decommissioned and dismantled completely.

Anticipated Recipient:	Stony Brook Regional Sewer Authority		
Project No.:	S340400-10	Eligible Project Cost:	\$4,700,000
FY16 Rank:	194		
County:	Mercer	Total State Amount:	\$4,700,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	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**

Stony Brook Regional Sewer Authority  
S340400-10  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

194

**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
FY16 Rank:	195		
County:	Monmouth	Total State Amount:	\$13,000,360

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

195

**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
FY16 Rank:	196		
County:	Camden	Total State Amount:	\$864,565

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.06435
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		575.06435

**Project Name, Number**

Gloucester Township Municipal Utilities Authority  
S340364-09  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

196

**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
FY16 Rank:	197		
County:	Ocean	Total State Amount:	\$2,093,653

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.059994
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		575.059994

**Project Name, Number**

Ocean County  
S344080-02  
Stormwater Management

**Priority List Rank**

197

**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.

Anticipated Recipient:	Maple Shade Township		
Project No.:	S340710-05	Eligible Project Cost:	\$2,541,541
FY16 Rank:	198		
County:	Burlington	Total State Amount:	\$2,541,541

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Maple Shade Township  
S340710-05  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

198

**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:	Jefferson Township		
Project No.:	S340747-04	Eligible Project Cost:	\$6,526,216
FY16 Rank:	199		
County:	Morris	Total State Amount:	\$6,526,216

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
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**

Jefferson Township  
S340747-04  
Sanitary Sewer System - New

**Priority List Rank**

199

**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:	\$17,768,040
FY16 Rank:	200		
County:	Cape May	Total State Amount:	\$17,768,040

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	100	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		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**

200

**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
FY16 Rank:	201		
County:	Ocean	Total State Amount:	\$2,691,442

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	50	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.002263
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		625.002263

**Project Name, Number**

Seaside Park Borough  
S344200-02  
Stormwater Management - Green Infrastructure

**Priority List Rank**

201

**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 high in 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 high efficient, low energy lighting which will power LED lighting set on a timer to reduce the amount of electricity that is required to power 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
FY16 Rank:	202		
County:	Monmouth	Total State Amount:	\$5,877,522

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment 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**

Howell Township Municipal Utilities Authority  
S340832-01  
Sanitary Sewer System - New

**Priority List Rank**

202

**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
FY16 Rank:	203		
County:	Ocean	Total State Amount:	\$289,789

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.001238
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		575.001238

**Project Name, Number**

Bay Head Borough  
S344120-02  
Stormwater Management - Green Infrastructure

**Priority List Rank**

203

**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
FY16 Rank:	204		
County:	Bergen	Total State Amount:	\$31,660,502

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
		Subtotal		50
		State Planning Commission		0
		Population		0.49114
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		550.49114

**Project Name, Number**

Bergen County Utilities Authority  
S340386-13  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

204

**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 Edgewater/Little 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
FY16 Rank:	204		
County:	Bergen	Total State Amount:	\$5,962,475

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
		Subtotal		50
		State Planning Commission		0
		Population		0.49114
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		550.49114

**Project Name, Number**

Bergen County Utilities Authority  
S340386-10  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

204

**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:	Gloucester County Utilities Authority		
Project No.:	S340902-16	Eligible Project Cost:	\$1,969,800
FY16 Rank:	206		
County:	Gloucester	Total State Amount:	\$1,969,800

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.288288
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		550.288288

**Project Name, Number**

Gloucester County Utilities Authority  
S340902-16  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

206

**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
FY16 Rank:	207		
County:	Monmouth	Total State Amount:	\$14,258,859

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

207

**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:	Parsippany Troy Hills Township		
Project No.:	S340806-04	Eligible Project Cost:	\$10,833,981
FY16 Rank:	208		
County:	Morris	Total State Amount:	\$10,833,981

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Parsippany Troy Hills Township  
S340806-04  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

208

**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 project includes design and construction of a photovoltaic power system to provide energy to the wastewater treatment plant.

Anticipated Recipient:	Kearny Municipal Utilities Authority		
Project No.:	S340259-08	Eligible Project Cost:	\$708,917
FY16 Rank:	209		
County:	Hudson	Total State Amount:	\$708,917

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.040684
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		550.040684

**Project Name, Number**

Kearny Municipal Utilities Authority  
S340259-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

209

**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:	Galloway Township		
Project No.:	S340892-09	Eligible Project Cost:	\$951,143
FY16 Rank:	210		
County:	Atlantic	Total State Amount:	\$951,143

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

210

**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:	Hammonton Town		
Project No.:	S340927-07	Eligible Project Cost:	\$3,866,213
FY16 Rank:	210		
County:	Atlantic	Total State Amount:	\$3,866,213

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.014791
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		550.014791

**Project Name, Number**

Hammonton Town  
S340927-07  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

210

**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 Town's 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:	Brick Township		
Project No.:	S344030-01	Eligible Project Cost:	\$1,029,030
FY16 Rank:	211		
County:	Ocean	Total State Amount:	\$1,029,030

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.076119
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		540.076119

**Project Name, Number**

Brick Township  
S344030-01  
Stormwater Management

**Priority List Rank**

211

**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 and/or retrofit of one or more stormwater basins to improve its ability to remove nitrogen.

Anticipated Recipient:	Berkeley Township		
Project No.:	S344020-01	Eligible Project Cost:	\$2,091,098
FY16 Rank:	212		
County:	Ocean	Total State Amount:	\$2,091,098

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.039991
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		540.039991

**Project Name, Number**

Berkeley Township  
S344020-01  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

212

**County**

Ocean

**Existing Population**

39,991

**Service Area**

Berkeley 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 and/or 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.

Anticipated Recipient:	Manchester Township		
Project No.:	S344070-01	Eligible Project Cost:	\$812,885
FY16 Rank:	213		
County:	Ocean	Total State Amount:	\$812,885

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.038928
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		540.038928

**Project Name, Number**

Manchester Township  
S344070-01  
Stormwater Management

**Priority List Rank**

213

**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 and/or 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
FY16 Rank:	214		
County:	Burlington	Total State Amount:	\$4,550,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.031629
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		540.031629

**Project Name, Number**

Willingboro Municipal Utilities Authority  
S340132-09  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

214

**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.

Anticipated Recipient:	Barnegat Township		
Project No.:	S344130-01	Eligible Project Cost:	\$570,013
FY16 Rank:	215		
County:	Ocean	Total State Amount:	\$570,013

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.020936
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		540.020936

**Project Name, Number**

Barnegat Township  
S344130-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

215

**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
FY16 Rank:	216		
County:	Ocean	Total State Amount:	\$3,958,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		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

**Priority List Rank**

216

**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 replace approximately 7,300 lineal feet of existing corrugated metal drainage pipe (CMP) with new drainage piping, install 1,000 LF of new drainage piping and inlets; and repair the bulkheads at twelve existing outfall locations, as well as, easement and roadway restoration curb to curb.

Anticipated Recipient:	Little Egg Harbor Township		
Project No.:	S344060-01	Eligible Project Cost:	\$2,954,323
FY16 Rank:	217		
County:	Ocean	Total State Amount:	\$2,954,323

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.015945
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		540.015945

**Project Name, Number**

Little Egg Harbor Township  
S344060-01  
Stormwater Management

**Priority List Rank**

217

**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 and/or 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
FY16 Rank:	218		
County:	Mercer	Total State Amount:	\$1,369,569

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

218

**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
FY16 Rank:	218		
County:	Mercer	Total State Amount:	\$1,441,211

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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  
S340915-06  
Sewage Treatment Plant (STP) - Expansion

**Priority List Rank**

218

**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
FY16 Rank:	220		
County:	Ocean	Total State Amount:	\$515,681

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.002522
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		540.002522

**Project Name, Number**

Lakehurst Borough  
S344150-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

220

**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
FY16 Rank:	221		
County:	Ocean	Total State Amount:	\$325,651

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		5
		Population		0.025346
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		530.025346

**Project Name, Number**

Lacey Township  
S344140-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

221

**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.:	S344080-04	Eligible Project Cost:	\$3,217,620
FY16 Rank:	222		
County:	Ocean	Total State Amount:	\$3,217,620

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.6
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		525.6

**Project Name, Number**

Ocean County  
S344080-04  
Stormwater Management

**Priority List Rank**

222

**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.:	S344080-06	Eligible Project Cost:	\$2,718,518
FY16 Rank:	222		
County:	Ocean	Total State Amount:	\$2,718,518

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

222

**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 facilities 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	Eligible Project Cost:	\$240,000
Project No.:	S344080-10		
FY16 Rank:	224		
County:	Ocean	Total State Amount:	\$240,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.576567
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		525.576567

**Project Name, Number**

Ocean County  
S344080-10  
Equipment Purchase (Clean Water)

**Priority List Rank**

224

**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	Eligible Project Cost:	\$336,000
Project No.:	S344080-11		
FY16 Rank:	224		
County:	Ocean	Total State Amount:	\$336,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.576567
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		525.576567

**Project Name, Number**

Ocean County  
S344080-11  
Equipment Purchase (Clean Water)

**Priority List Rank**

224

**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
FY16 Rank:	226		
County:	Morris	Total State Amount:	\$3,997,392

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Rockaway Valley Regional Sewer Authority  
S340821-07  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

226

**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
FY16 Rank:	226		
County:	Morris	Total State Amount:	\$15,439,092

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.093
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		525.093

**Project Name, Number**

Rockaway Valley Regional Sewer Authority  
S340821-08  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

226

**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
FY16 Rank:	228		
County:	Ocean	Total State Amount:	\$1,123,750

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Ocean County  
S344080-09  
Stormwater Management

**Priority List Rank**

228

**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 Protection (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
FY16 Rank:	229		
County:	Monmouth	Total State Amount:	\$12,010,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

229

**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
FY16 Rank:	230		
County:	Monmouth	Total State Amount:	\$998,980

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.054856
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		525.054856

**Project Name, Number**

Jackson Township  
S344050-02  
Equipment Purchase (Clean Water)

**Priority List Rank**

230

**County**

Monmouth

**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
FY16 Rank:	231		
County:	Cumberland	Total State Amount:	\$3,603,428

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.05478
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		525.05478

**Project Name, Number**

Landis Sewerage Authority  
S340461-05  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

231

**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:	Point Pleasant Borough		
Project No.:	S344210-01	Eligible Project Cost:	\$318,067
FY16 Rank:	232		
County:	Ocean	Total State Amount:	\$318,067

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.019306
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		525.019306

**Project Name, Number**

Point Pleasant Borough  
S344210-01  
Stormwater Management

**Priority List Rank**

232

**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
FY16 Rank:	233		
County:	Ocean	Total State Amount:	\$708,917

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.011045
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		525.011045

**Project Name, Number**

Beachwood Borough  
S344010-02  
Stormwater Management

**Priority List Rank**

233

**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
FY16 Rank:	234		
County:	Ocean	Total State Amount:	\$980,378

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.010375
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		525.010375

**Project Name, Number**

Beachwood Borough  
S344010-01  
Stormwater Management

**Priority List Rank**

234

**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 and/or 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
FY16 Rank:	235		
County:	Monmouth	Total State Amount:	\$360,245

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00897
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		525.00897

**Project Name, Number**

Millstone Township  
S344160-01  
Stormwater Management

**Priority List Rank**

235

**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:	Point Pleasant Beach Borough		
Project No.:	S344190-02	Eligible Project Cost:	\$8,944,264
FY16 Rank:	236		
County:	Ocean	Total State Amount:	\$8,944,264

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS 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

**Priority List Rank**

236

**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
FY16 Rank:	237		
County:	Ocean	Total State Amount:	\$2,303,933

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.002076
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		525.002076

**Project Name, Number**

Ocean Gate Borough  
S344180-01  
Stormwater Management

**Priority List Rank**

237

**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
FY16 Rank:	238		
County:	Ocean	Total State Amount:	\$437,413

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Pine Beach Borough  
S344090-01  
Stormwater Management

**Priority List Rank**

238

**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 and/or 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
FY16 Rank:	239		
County:	Ocean	Total State Amount:	\$250,886

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.001238
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		525.001238

**Project Name, Number**

Bay Head Borough  
S344120-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

239

**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
FY16 Rank:	240		
County:	Monmouth	Total State Amount:	\$161,675

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.000882
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		525.000882

**Project Name, Number**

Roosevelt Borough  
S340761-03  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

240

**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:	\$1,714,000
FY16 Rank:	240		
County:	Monmouth	Total State Amount:	\$1,714,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

240

**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:	Atlantic County Utilities Authority		
Project No.:	S340809-21	Eligible Project Cost:	\$8,492,702
FY16 Rank:	242		
County:	Atlantic	Total State Amount:	\$8,492,702

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.25
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		500.25

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-21  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

242

**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
FY16 Rank:	242		
County:	Atlantic	Total State Amount:	\$15,439,092

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>500.25</b>

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-22  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

242

**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
FY16 Rank:	244		
County:	Passaic	Total State Amount:	\$28,256,876

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

244

**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 infiltration/inflow (II) in this municipality's sewer system.

**Project Description**

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

Anticipated Recipient:	Trenton City	Eligible Project Cost:	\$2,718,518
Project No.:	S340416-12	Total State Amount:	\$2,718,518
FY16 Rank:	245		
County:	Mercer		

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.085403
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		500.085403

**Project Name, Number**

Trenton City  
S340416-12  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

245

**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
FY16 Rank:	246		
County:	Bergen	Total State Amount:	\$443,500

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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
			<b>TOTAL POINTS</b>	<b>500.075</b>

**Project Name, Number**

Northwest Bergen County Utilities Authority  
S340700-17  
Security Measures

**Priority List Rank**

246

**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:	Old Bridge Municipal Utilities Authority		
Project No.:	S340945-08-1	Eligible Project Cost:	\$0
FY16 Rank:	247		
County:	Middlesex	Total State Amount:	\$0

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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		500.065375

**Project Name, Number**

Old Bridge Municipal Utilities Authority  
S340945-08-1  
Sanitary Sewer System - New

**Priority List Rank**

247

**County**

Middlesex

**Existing Population**

65,375

**Service Area**

The new interceptor will service the area of the Township west of Route 18 along Marlboro, Pleasant Valley, East Greystone and Texas Roads, also know at the Crossroads Area.

**Need for Project**

The new interceptor will allow for the abandonment of two sewage pump stations at the Birch Hill Development and the elimination of existing residents septic systems.

**Project Description**

Construction of 9,500 LF of pipe to connect to the MUA's existing sanitary sewer system on Spring Valley Road to service the Crossroads Area of Old Bridge Township including portions of East Greystone, Texas and Pleasant Valley Roads through future extensions.

Anticipated Recipient:	North Bergen Township		
Project No.:	S340652-07	Eligible Project Cost:	\$639,645
FY16 Rank:	248		
County:	Hudson	Total State Amount:	\$639,645

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

North Bergen Township  
S340652-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

248

**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 infiltration/inflow correction program in conjunction with the replacement/rehabilitation of sections of the combined system.

Anticipated Recipient:	North Bergen Municipal Utilities Authority		
Project No.:	S340652-10	Eligible Project Cost:	\$1,679,606
FY16 Rank:	248		
County:	Hudson	Total State Amount:	\$1,679,606

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

North Bergen Municipal Utilities Authority  
S340652-10  
Equipment Purchase (Clean Water)

**Priority List Rank**

248

**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 acquisition of a boom truck a pick-up truck and a roll-off truck.

Anticipated Recipient:	Kearny Municipal Utilities Authority		
Project No.:	S340259-07	Eligible Project Cost:	\$8,918,476
FY16 Rank:	250		
County:	Hudson	Total State Amount:	\$8,918,476

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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  
S340259-07  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

250

**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 facilities 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
FY16 Rank:	251		
County:	Camden	Total State Amount:	\$1,748,207

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

251

**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 installation of approximately 7200 feet of 8 and 15 inch PVC sanitary sewer gravity pipe.

Anticipated Recipient:	Salem County	Eligible Project Cost:	\$18,263,633
Project No.:	S340804-04		
FY16 Rank:	252		
County:	Salem	Total State Amount:	\$18,263,633

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Salem County  
S340804-04  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

252

**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 municipalities to the DuPont wastewater treatment facility.

Anticipated Recipient:	Asbury Park City		
Project No.:	S340883-05	Eligible Project Cost:	\$14,618,545
FY16 Rank:	253		
County:	Monmouth	Total State Amount:	\$14,618,545

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.016116
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		500.016116

**Project Name, Number**

Asbury Park City  
S340883-05  
Stormwater Management

**Priority List Rank**

253

**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 infiltration/inflow (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
FY16 Rank:	253		
County:	Monmouth	Total State Amount:	\$17,350,281

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

Possible Points  
Points Scored

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

Possible Points  
Points Scored

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

Asbury Park City  
S340883-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

253

**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 infiltration/inflow 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
FY16 Rank:	255		
County:	Bergen	Total State Amount:	\$381,358

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.015392
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		500.015392

**Project Name, Number**

North Arlington Borough  
S340959-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

255

**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 collection/conveyance 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:	Hackettstown Municipal Utilities Authority		
Project No.:	S340803-04	Eligible Project Cost:	\$1,411,500
FY16 Rank:	256		
County:	Warren	Total State Amount:	\$1,411,500

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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**

Hackettstown Municipal Utilities Authority  
S340803-04  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

256

**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:	Caldwell Borough	Eligible Project Cost:	\$0
Project No.:	S340523-04-1		
FY16 Rank:	257		
County:	Essex	Total State Amount:	\$0

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.007898
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		500.007898

**Project Name, Number**

Caldwell Borough  
S340523-04-1  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

257

**County**

Essex

**Existing Population**

7,898

**Service Area**

n/a

**Need for Project**

n/a

**Project Description**

(Carryover SFY2015) - Completion of the Caldwell Wastewater Treatment Plant upgrade initially funded at \$15,157,000.

Anticipated Recipient:	Mendham Township		
Project No.:	S340477-01	Eligible Project Cost:	\$2,242,000
FY16 Rank:	258		
County:	Morris	Total State Amount:	\$2,242,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

258

**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, Trimmingham 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
FY16 Rank:	259		
County:	Cumberland	Total State Amount:	\$1,122,734

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.156898
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		475.156898

**Project Name, Number**

Cumberland County Utilities Authority  
S340550-08  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

259

**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:	Millville City	Eligible Project Cost:	\$8,557,247
Project No.:	S340921-04		
FY16 Rank:	260		
County:	Cumberland	Total State Amount:	\$8,557,247

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		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**

260

**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 Sewer Authority		
Project No.:	S340336-05	Eligible Project Cost:	\$1,396,910
FY16 Rank:	261		
County:	Monmouth	Total State Amount:	\$1,396,910

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.02866
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		475.02866

**Project Name, Number**

Long Branch Sewer Authority  
S340336-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

261

**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 Borough		
Project No.:	S340656-08	Eligible Project Cost:	\$3,862,596
FY16 Rank:	262		
County:	Mercer	Total State Amount:	\$3,862,596

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.028572
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		475.028572

**Project Name, Number**

Princeton Borough  
S340656-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

262

**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 rehabilitation work is a continuation of the PSOCs recent rehabilitation work.

Anticipated Recipient:	Princeton Township		
Project No.:	S340656-09	Eligible Project Cost:	\$1,821,582
FY16 Rank:	262		
County:	Mercer	Total State Amount:	\$1,821,582

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.028572
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		475.028572

**Project Name, Number**

Princeton Township  
S340656-09  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

262

**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 groundwater 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:	Stafford Township		
Project No.:	S340946-05	Eligible Project Cost:	\$936,970
FY16 Rank:	264		
County:	Ocean	Total State Amount:	\$936,970

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment Plant Improvements	500	0		
SS Rehabilitation	450	450		
Sludge Disposal/Treatment	350	0		
WW Reuse	300	0		
Septic Repair	275	0		
New Systems	250	0		
Stormwater/NPS Management	225	0		
Landfill Closure, Land Acq, Well Sealing	150	0		
Landfill Constr, Site Remediation	75	0		
Conduit Projects	50	0		
Barnegat Bay Benefit	300	0		
Green Infrastructure	50	0		
	Subtotal	450		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			<b>TOTAL POINTS</b>	<b>475.026535</b>

**Project Name, Number**

Stafford Township  
S340946-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

264

**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:	Ocean City	Eligible Project Cost:	\$57,540
Project No.:	S340730-01		
FY16 Rank:	265		
County:	Cape May	Total State Amount:	\$57,540

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.01549
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		475.01549

**Project Name, Number**

Ocean City  
S340730-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

265

**County**

Cape May

**Existing Population**

15,490

**Service Area**

Ocean City

**Need for Project**

The infiltration/inflow analysis has found that the system is subject to possible excessive infiltration/inflow (II).

**Project Description**

The rehabilitation of Ocean City's sanitary sewer system includes the sealing repair or replacement of defective pipes manholes and lateral connections.

Anticipated Recipient:	Metuchen Borough		
Project No.:	S340360-01	Eligible Project Cost:	\$3,734,892
FY16 Rank:	266		
County:	Middlesex	Total State Amount:	\$3,734,892

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.0128
		BDA Points		0
		Transit Villages		10
		TOTAL POINTS		475.0128

**Project Name, Number**

Metuchen Borough  
S340360-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

266

**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
FY16 Rank:	267		
County:	Cape May	Total State Amount:	\$3,032,199

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.005436
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		475.005436

**Project Name, Number**

Wildwood City  
S340664-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

267

**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
FY16 Rank:	268		
County:	Cape May	Total State Amount:	\$13,090,964

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		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**

268

**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
FY16 Rank:	268		
County:	Cape May	Total State Amount:	\$11,349,789

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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  
S340663-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

268

**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 City's sewer system. The sewage has the potential to pollute surface water through exfiltration of the sanitary system combined with infiltration into the storm sewer system which discharges to the back bay.

**Project Description**

The proposed project involves reconstruction and replacement of sewer mains manholes and sewer laterals in a forty block area of the City.

Anticipated Recipient:	West Wildwood Borough		
Project No.:	S340626-03	Eligible Project Cost:	\$564,453
FY16 Rank:	270		
County:	Cape May	Total State Amount:	\$564,453

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment Plant Improvements	500	0		
SS Rehabilitation	450	450		
Sludge Disposal/Treatment	350	0		
WW Reuse	300	0		
Septic Repair	275	0		
New Systems	250	0		
Stormwater/NPS Management	225	0		
Landfill Closure, Land Acq, Well Sealing	150	0		
Landfill Constr, Site Remediation	75	0		
Conduit Projects	50	0		
Barnegat Bay Benefit	300	0		
Green Infrastructure	50	0		
	Subtotal	450		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			<b>TOTAL POINTS</b>	<b>475.00037</b>

**Project Name, Number**

West Wildwood Borough  
S340626-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

270

**County**

Cape May

**Existing Population**

370

**Service Area**

West Wildwood Borough

**Need for Project**

The West Wildwood sewer collection system is possibly subjected to excessive amounts of infiltration/inflow. Extensive use of six inch diameter pipes very flat slopes high groundwater grease and detergent buildups as well as sand infiltration all contribute to the excessive II.

**Project Description**

The rehabilitation measures proposed in alleviating the excessive II and unclogging the system include cleaning internal inspection repair and/or replacement of damaged or deteriorated sewer pipe manholes and house laterals.

Anticipated Recipient:	Willingboro Municipal Utilities Authority		
Project No.:	S340132-08	Eligible Project Cost:	\$1,575,337
FY16 Rank:	271		
County:	Burlington	Total State Amount:	\$1,575,337

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.031629
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		465.031629

**Project Name, Number**

Willingboro Municipal Utilities Authority  
S340132-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

271

**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 Authority's sanitary sewer collection system. Improvements within the floodplain include raising manholes installing 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.:	S340620-07	Eligible Project Cost:	\$570,013
FY16 Rank:	272		
County:	Ocean	Total State Amount:	\$570,013

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

Barnegat Township  
S340620-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

272

**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:	Barnegat Township		
Project No.:	S340620-06	Eligible Project Cost:	\$535,216
FY16 Rank:	272		
County:	Ocean	Total State Amount:	\$535,216

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.020936
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		465.020936

**Project Name, Number**

Barnegat Township  
S340620-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

272

**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 well/dry 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:	Little Egg Harbor Municipal Utilities Authority		
Project No.:	S340579-02	Eligible Project Cost:	\$1,930,210
FY16 Rank:	274		
County:	Ocean	Total State Amount:	\$1,930,210

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

Possible Points  
Points Scored

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

Possible Points  
Points Scored

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

274

**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**

Sewer main rehabilitation along Twin Lakes Boulevard. The length of the main is approximately 6640 LF of 4 to 12 pipe. The main was constructed in the 60s and has been repaired in several locations under emergency work.

Anticipated Recipient:	Little Egg Harbor Municipal Utilities Authority		
Project No.:	S340579-03	Eligible Project Cost:	\$7,638,655
FY16 Rank:	274		
County:	Ocean	Total State Amount:	\$7,638,655

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

Possible Points  
Points Scored

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

Possible Points  
Points Scored

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

274

**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**

Sewer main rehabilitation throughout Mystic Island. The length of the main is approximately 33,540 LF of 8" to 12" pipe. The main was constructed in the 60's and has been repaired in several locations under emergency repair.

Anticipated Recipient:	Delran Township		
Project No.:	S340794-09	Eligible Project Cost:	\$750,544
FY16 Rank:	276		
County:	Burlington	Total State Amount:	\$750,544

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.016896
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		465.016896

**Project Name, Number**

Delran Township  
S340794-09  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

276

**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:	Warren Township Sewer Authority		
Project No.:	S340964-02-1	Eligible Project Cost:	\$100,000
FY16 Rank:	277		
County:	Somerset	Total State Amount:	\$100,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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				0.015311
BDA Points				0
Transit Villages				0
TOTAL POINTS				465.015311

**Project Name, Number**

Warren Township Sewer Authority  
S340964-02-1  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

277

**County**

Somerset

**Existing Population**

15,311

**Service Area**

The service area for the Fox Hill Pump Station is 100% residential and encompasses approximately 87 homes on Fix Hill Drive West, Angus Lane, Owens Drive, Casale Drive, Skyline Drive, Casale Drive South and Firehorn Court in Warren Township. The pump station services a population of approximately 262 residents. Flow from the pump station is ultimately treated at the Warren Township Sewerage Authority Stage IV wastewater treatment plant. The service area for the Heather Lane Pump Station is 100% residential and encompasses approximately 24 homes on Heather Lane and Yorkshire Court in Warren Township. The pump station services a population of approximately 72 residents. Flow from the pump station is ultimately treated at the Warren Township Sewerage Authority Stage I/II wastewater treatment plant.

**Need for Project**

The Fox Hill and Heather Lane pump station projects are needed in order to maintain conveyance of sewerage flows to Warren Township Sewerage Authority wastewater treatment facilities for proper disposal. The Fox Hill Pump Station was put in operation in 1970 and has reached the end of its useful life. This pump station is a dry well pump station, requiring a confined space permit to enter. Pumps are subject to becoming air bound, which requires personnel to enter the confined space dry well to bleed the pumps. The emergency generator is in a constant state of repair and at the end of its useful life. The upgrades to the pump station will include conversion to a submersible type pump station with equivalently sized pumps to those existing, and including a new wet well, valve chamber and related ancillary facilities. The project also includes replacement of the emergency generator. The Heather Lane Pump Station was put on line in 1985. The current segmented concrete valve pit is subject

**Project Description**

The Fox Hill West Pump Station was put in operation in 1970 and has reached its useful life. This pump station is a dry well pump station, requiring a confined space permit to enter. Pumps are subject to becoming air bound, which requires personnel to enter the confined space dry well to bleed the pumps. The emergency generator is in a constant state of repair and at the end of its useful life. The upgrades to the pump station will include conversion to a submersible type pump station with equivalently sized pumps to those existing, and including a new wet well, valve chamber and related ancillary facilities. The project also includes replacement of the emergency generator. The Heather Lane Pump Station was put on line in 1985. The current segmented concrete valve pit is subject to groundwater infiltration, and is constantly filled with water. The gate valves are rusted in the open position and cannot be properly accessed or operated to isolate the wet well and pumps from the force m

Anticipated Recipient:	Warren Township Sewer Authority		
Project No.:	S340964-02	Eligible Project Cost:	\$675,018
FY16 Rank:	277		
County:	Somerset	Total State Amount:	\$675,018

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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				0.015311
BDA Points				0
Transit Villages				0
TOTAL POINTS				465.015311

**Project Name, Number**

Warren Township Sewer Authority  
S340964-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

277

**County**

Somerset

**Existing Population**

15,311

**Service Area**

The service area for the Fox Hill Pump Station is 100% residential and encompasses approximately 87 homes on Fix Hill Drive West, Angus Lane, Owens Drive, Casale Drive, Skyline Drive, Casale Drive South and Firehorn Court in Warren Township. The pump station services a population of approximately 262 residents. Flow from the pump station is ultimately treated at the Warren Township Sewerage Authority Stage IV wastewater treatment plant. The service area for the Heather Lane Pump Station is 100% residential and encompasses approximately 24 homes on Heather Lane and Yorkshire Court in Warren Township. The pump station services a population of approximately 72 residents. Flow from the pump station is ultimately treated at the Warren Township Sewerage Authority Stage I/II wastewater treatment plant.

**Need for Project**

The Fox Hill and Heather Lane pump station projects are needed in order to maintain conveyance of sewerage flows to Warren Township Sewerage Authority wastewater treatment facilities for proper disposal. The Fox Hill Pump Station was put in operation in 1970 and has reached the end of its useful life. This pump station is a dry well pump station, requiring a confined space permit to enter. Pumps are subject to becoming air bound, which requires personnel to enter the confined space dry well to bleed the pumps. The emergency generator is in a constant state of repair and at the end of its useful life. The upgrades to the pump station will include conversion to a submersible type pump station with equivalently sized pumps to those existing, and including a new wet well, valve chamber and related ancillary facilities. The project also includes replacement of the emergency generator. The Heather Lane Pump Station was put on line in 1985. The current segmented concrete valve pit is subject

**Project Description**

(Carryover SFY2015) - Fox Hill West Pump Station project involves conversion of the wet-pit dry pit pump station to a submersible pump station and replacement of aging pump station components. Heather Lane Pump Station Upgrades involves replacement of the existing in-operable valve chamber.

Anticipated Recipient:	Totowa Borough		
Project No.:	S340778-01	Eligible Project Cost:	\$985,189
FY16 Rank:	279		
County:	Passaic	Total State Amount:	\$985,189

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.01119
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		465.01119

**Project Name, Number**

Totowa Borough  
S340778-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

279

**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
FY16 Rank:	280		
County:	Monmouth	Total State Amount:	\$430,399

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

Freehold Borough  
S340304-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

280

**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:	Milltown Borough		
Project No.:	S340102-03	Eligible Project Cost:	\$15,439,092
FY16 Rank:	281		
County:	Middlesex	Total State Amount:	\$15,439,092

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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				465.006893

**Project Name, Number**

Milltown Borough  
S340102-03  
Stormwater Management

**Priority List Rank**

281

**County**

Middlesex

**Existing Population**

6,893

**Service Area**

The Service Area for the Milltown Electrical Substation 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 the flooding of the electrical substation by removing it from the flood plain. During the storm in April 2007 and during Hurricane Irene in August of 2011 the existing electrical substation along with the Borough of Milltown suffered major damages due to flooding due to its location within the flood plain of the Lawrence Brook. The purpose of the project is to relocate the existing electrical substation to a location outside of the flood plain. In order to protect the Borough's Electrical Utilities and the residents from further physical and financial damages it is necessary to relocate the substation to an alternate location at a higher elevation. The proposed location for the new substation is at an elevation approximately 20 feet higher than the existing substation and is approximately 10 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**

(Carryover SFY2015) - The substation is located in the Lawrence Brook Flood Plain. The substation was flooded twice in the past five years causing power to the entire Borough to be shut down for an extended period. During the Flood of August 2011 the substation building had approximately 2ft of flood water inside the building. The power was shutdown for approximately five days while the switchgear was cleaned dried and repaired due to the flooding. The proposed improvements consist of reconstructing the electrical substation at a location that is outside of the flood plain. The new electrical substation will be installed on an adjacent property to minimize the extension of the feeder cables from PSE&G and to the Borough circuitry and reduce the overall project cost. The proposed location for the reconstruction of the substation is Lot 5.06 Block 60 adjacent to the existing substation. This property is owned by Middlesex County and is included on the Green Acres Program Open Space Database.

Anticipated Recipient:	Hightstown Borough		
Project No.:	S340915-04	Eligible Project Cost:	\$403,745
FY16 Rank:	282		
County:	Mercer	Total State Amount:	\$403,745

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

Hightstown Borough  
S340915-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

282

**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 infiltration/inflow 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
FY16 Rank:	283		
County:	Monmouth	Total State Amount:	\$708,917

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

Possible Points  
Points Scored

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

Possible Points  
Points Scored

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

283

**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
FY16 Rank:	284		
County:	Somerset	Total State Amount:	\$1,191,434

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.0035
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		465.0035

**Project Name, Number**

South Bound Brook Borough  
S340347-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

284

**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.:	S340034-02	Eligible Project Cost:	\$1,820,883
FY16 Rank:	285		
County:	Ocean	Total State Amount:	\$1,820,883

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.003347
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		465.003347

**Project Name, Number**

Tuckerton Borough  
S340034-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

285

**County**

Ocean

**Existing Population**

3,347

**Service Area**

The Borough of Tuckerton is located in Southern Ocean County and is bordered on the south, west and north by Little Egg Harbor Twp. and on the east by the Barnegat Bay. Sewer flows by gravity to the Tuckerton Beach Pump Station located on S. Green Street aka. County Rt 539 and then is pumped to the OCUA southern Treatment Plant. The sewer service area is limited to the upland portion of the municipality and is shown on the NJDEP GIS Geoweb maps.

**Need for Project**

The need for the project is to replace old asbestos cement sewer main which show signs of cracks, breaks, spalls and settlement. Increased cost of infiltration and the potential for blocked pipes is present. As a result of Sandy and the loss of homes in the "Tuckerton Beach" area of the Borough, flood water and heavy debris entered the sanitary sewer conveyance system. The pipes were cleaned and video inspected after the storm which provided evidence for the most critical areas of damages.

**Project Description**

(Carryover SFY2015) - The proposed project includes removal and replacement of gravity sewer mains manholes and service laterals within paved roadways.

Anticipated Recipient:	Seaside Heights Borough		
Project No.:	S340236-01	Eligible Project Cost:	\$3,913,060
FY16 Rank:	286		
County:	Ocean	Total State Amount:	\$3,913,060

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		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**

286

**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
FY16 Rank:	287		
County:	Cape May	Total State Amount:	\$1,530,125

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		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**

287

**County**

Cape May

**Existing Population**

1,810

**Service Area**

Avalon Borough

**Need for Project**

Infiltration/Inflow (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 infiltration/inflow. Additional work is needed on the stormwater sewer system as well.

**Project Description**

The Borough proposes to replace the existing deteriorated sanitary sewer lines service laterals and storm sewer lines including refurbishing approximately 500 sanitary sewer manholes relining the influent sewer line at the 23rd Street Pump Station replacing sanitary lines on Heron Drive Pelican Drive and the Business District replacing storm lines in the Business District and relocate 11th Street Pump Station and stormwater outfall.

Anticipated Recipient:	Montclair Township		
Project No.:	S340837-04	Eligible Project Cost:	\$1,682,173
FY16 Rank:	288		
County:	Essex	Total State Amount:	\$1,682,173

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

288

**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:	Cranford Township		
Project No.:	S340858-06	Eligible Project Cost:	\$1,005,872
FY16 Rank:	289		
County:	Union	Total State Amount:	\$1,005,872

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

289

**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.:	S340147-01	Eligible Project Cost:	\$7,860,818
FY16 Rank:	290		
County:	Atlantic	Total State Amount:	\$7,860,818

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.019012
		BDA Points		0
		Transit Villages		10
		TOTAL POINTS		460.019012

**Project Name, Number**

Pleasantville City  
S340147-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

290

**County**

Atlantic

**Existing Population**

19,012

**Service Area**

Pleasantville City

**Need for Project**

Pleasantville will be addressing failing or inadequate sewer and storm infrastructure as part of its redevelopment of downtown.

**Project Description**

The proposed project includes rehabilitation replacement or installation of new sewer and storm infrastructure as part of an overall urban renewal project.

Anticipated Recipient:	Morristown Town		
Project No.:	S340376-04	Eligible Project Cost:	\$8,621,779
FY16 Rank:	291		
County:	Morris	Total State Amount:	\$8,621,779

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

291

**County**

Morris

**Existing Population**

16,790

**Service Area**

Town of Morristown

**Need for Project**

An Infiltration/Inflow (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:	Matawan Borough		
Project No.:	S340967-01	Eligible Project Cost:	\$708,917
FY16 Rank:	292		
County:	Monmouth	Total State Amount:	\$708,917

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Matawan Borough  
S340967-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

292

**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
FY16 Rank:	293		
County:	Middlesex	Total State Amount:	\$244,515

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

293

**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.:	S340699-13	Eligible Project Cost:	\$40,894,712
FY16 Rank:	294		
County:	Middlesex	Total State Amount:	\$40,894,712

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Middlesex County Utilities Authority  
S340699-13  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

294

**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.:	S340699-14	Eligible Project Cost:	\$16,968,376
FY16 Rank:	294		
County:	Middlesex	Total State Amount:	\$16,968,376

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

Possible Points  
Points Scored

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

Possible Points  
Points Scored

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Middlesex County Utilities Authority  
S340699-14  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

294

**County**

Middlesex

**Existing Population**

867,708

**Service Area**

The MUA 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 MUA 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 MUA 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.:	S340699-12	Eligible Project Cost:	\$111,313,758
FY16 Rank:	294		
County:	Middlesex	Total State Amount:	\$111,313,758

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.867708
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.867708

**Project Name, Number**

Middlesex County Utilities Authority  
S340699-12  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

294

**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.:	S340699-07	Eligible Project Cost:	\$8,105,182
FY16 Rank:	297		
County:	Middlesex	Total State Amount:	\$8,105,182

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.75</b>

**Project Name, Number**

Middlesex County Utilities Authority  
S340699-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

297

**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
FY16 Rank:	297		
County:	Middlesex	Total State Amount:	\$22,180,484

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.75</b>

**Project Name, Number**

Middlesex County Utilities Authority  
S340699-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

297

**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.:	S340372-53	Eligible Project Cost:	\$3,340,073
FY16 Rank:	299		
County:	Ocean	Total State Amount:	\$3,340,073

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.6
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.6

**Project Name, Number**

Ocean County Utilities Authority  
S340372-53  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

299

**County**

Ocean

**Existing Population**

600,000

**Service Area**

The Authority's service area is comprised of three separate regional wastewater service areas designated Northern, Central, and Southern. The three regional wastewater systems encompass Ocean County and southern Monmouth County and serve a population of approximately 600,000. Within the service area, the Ocean County Utilities Authority (Authority) owns, operates, and maintains three treatment plants, approximately 160 miles of interceptors and outfalls, and 40 pump/lift stations.

**Need for Project**

During Superstorm Sandy the commercial electrical power grid and availability of public water was heavily compromised eliminating the feed of electrical power and water to many Authority pump stations. A portion of Authority standby generators were limited in run time due to diesel fuel storage and the availability of diesel fuel; and another portion were not able to run due to a loss of cooling water supply from the local water system. This project will address the fuel storage and water issue with the installation of larger capacity fuel storage tanks and closed loop radiator cooling systems. This project will minimize the risk of an interruption in the operation of the collection system and the possibility of the discharge of raw wastewater during flooding and natural disasters.

**Project Description**

(Carryover SFY2015) - This project includes generator improvements to twenty five (25) Authority pump stations to provide additional electrical power generation protection during periods of commercial power and domestic water outages.

Anticipated Recipient:	Ocean County Utilities Authority		
Project No.:	S340372-55	Eligible Project Cost:	\$430,399
FY16 Rank:	299		
County:	Ocean	Total State Amount:	\$430,399

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.6
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.6

**Project Name, Number**

Ocean County Utilities Authority  
S340372-55  
Emergency Generator

**Priority List Rank**

299

**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
FY16 Rank:	299		
County:	Ocean	Total State Amount:	\$2,969,927

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

299

**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 loss. 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:	Ocean County Utilities Authority		
Project No.:	S340372-54	Eligible Project Cost:	\$4,452,933
FY16 Rank:	299		
County:	Ocean	Total State Amount:	\$4,452,933

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.6
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.6

**Project Name, Number**

Ocean County Utilities Authority  
S340372-54  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

299

**County**

Ocean

**Existing Population**

600,000

**Service Area**

The Authority's service area is comprised of three separate regional wastewater service areas designated Northern, Central, and Southern. The three regional wastewater systems encompass Ocean County and southern Monmouth County and serve a population of approximately 600,000. Within the service area, the Ocean County Utilities Authority (Authority) owns, operates, and maintains three treatment plants, approximately 160 miles of interceptors and outfalls, and 40 pump/lift stations.

**Need for Project**

During Superstorm Sandy, much of the above grade electrical grid was destroyed eliminating the availability of electrical power to Authority pump stations. Additionally, inflow flooding resulted in the inundation of salt water within the pump stations. In the northern service area, this resulted in flood damage to electrical, mechanical and structural elements of the NPS-2, NPS-4, NPS-7 and NPS-8 pump stations. This project will protect the integrity of the collection system and ward against interruptions in the collection system, thereby protecting from the discharge of raw waste water during and after flooding and natural disasters.

**Project Description**

(Carryover SFY2015) - This project includes the rehabilitation of impacted concrete surfaces and the replacement of screw pumps exhibiting accelerated wear to increase the functional life of the station. Additionally this project will provide for the installation of influent slide gates effluent slide gates and hydraulic operators to protect the facilities from flooding and reduce the potential for interruptions in regional sanitary sewer service after flooding and natural disasters. These improvements will harden the Authority's collection system and make it less susceptible to future natural disasters.

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340709-02	Eligible Project Cost:	\$15,673,755
FY16 Rank:	303		
County:	Camden	Total State Amount:	\$15,673,755

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.508932
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.508932

**Project Name, Number**

Camden County Municipal Utilities Authority  
S340709-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

303

**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:	Bergen County Utilities Authority		
Project No.:	S340768-02	Eligible Project Cost:	\$15,673,755
FY16 Rank:	304		
County:	Bergen	Total State Amount:	\$15,673,755

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Bergen County Utilities Authority  
S340768-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

304

**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
FY16 Rank:	305		
County:	Union	Total State Amount:	\$1,713,312

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.25
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.25

**Project Name, Number**

Rahway Valley Sewerage Authority  
S340547-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

305

**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
FY16 Rank:	305		
County:	Union	Total State Amount:	\$5,938,953

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

305

**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 RVSA's 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 Infiltration/Inflow correction program will follow thereafter.

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-29	Eligible Project Cost:	\$2,718,518
FY16 Rank:	305		
County:	Atlantic	Total State Amount:	\$2,718,518

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.25
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.25

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-29  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

305

**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.:	S340809-24	Eligible Project Cost:	\$998,208
FY16 Rank:	305		
County:	Atlantic	Total State Amount:	\$998,208

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.25
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.25

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-24  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

305

**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:	Gloucester County Utilities Authority		
Project No.:	S340902-08	Eligible Project Cost:	\$1,753,729
FY16 Rank:	309		
County:	Gloucester	Total State Amount:	\$1,753,729

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.2</b>

**Project Name, Number**

Gloucester County Utilities Authority  
S340902-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

309

**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. Greenwich Twp. Elk Twp. and Monroe Twp.

**Need for Project**

The improvements will allow GCUA to adequately handle current flows and will increase the efficiency 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
FY16 Rank:	310		
County:	Union	Total State Amount:	\$3,997,392

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

Possible Points  
Points Scored

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

Possible Points  
Points Scored

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

310

**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
FY16 Rank:	310		
County:	Monmouth	Total State Amount:	\$26,849,966

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Two Rivers Water Reclamation Authority  
S340117-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

310

**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
FY16 Rank:	310		
County:	Monmouth	Total State Amount:	\$500,308

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.1
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.1

**Project Name, Number**

Two Rivers Water Reclamation Authority  
S340117-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

310

**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:	Cape May County Municipal Utilities Authority		
Project No.:	S340661-22	Eligible Project Cost:	\$3,997,392
FY16 Rank:	313		
County:	Cape May	Total State Amount:	\$3,997,392

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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				450.097265

**Project Name, Number**

Cape May County Municipal Utilities Authority  
S340661-22  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

313

**County**

Cape May

**Existing Population**

97,265

**Service Area**

Cape May County, New Jersey

**Need for Project**

N/A

**Project Description**

(Carryover SFY2015) - The Authority owns and operates twenty five (25) pump stations of various sizes. These stations were put in service in approximately 1985. Several of them are in need of major concrete restoration within the wet wells of the station. This project includes the specification of necessary repairs and the hiring of an outside contractor to perform them.

Anticipated Recipient:	Hamilton Township		
Project No.:	S340898-02	Eligible Project Cost:	\$13,012,687
FY16 Rank:	314		
County:	Mercer	Total State Amount:	\$13,012,687

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.09542
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.09542

**Project Name, Number**

Hamilton Township  
S340898-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

314

**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
FY16 Rank:	314		
County:	Mercer	Total State Amount:	\$3,032,199

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Hamilton Township  
S340898-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

314

**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
FY16 Rank:	314		
County:	Mercer	Total State Amount:	\$6,739,361

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.09542
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.09542

**Project Name, Number**

Hamilton Township  
S340898-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

314

**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	Eligible Project Cost:	\$6,543,350
FY16 Rank:	317		
County:	Morris	Total State Amount:	\$6,543,350

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

Possible Points  
Points Scored

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

Possible Points  
Points Scored

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.093</b>

**Project Name, Number**

Rockaway Valley Regional Sewer Authority  
S340821-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

317

**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
FY16 Rank:	318		
County:	Ocean	Total State Amount:	\$708,917

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Lakewood Township Municipal Utilities Authority  
S340465-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

318

**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
FY16 Rank:	319		
County:	Bergen	Total State Amount:	\$7,944,881

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

Possible Points  
Points Scored

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

Possible Points  
Points Scored

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

319

**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:	Two Rivers Water Reclamation Authority		
Project No.:	S340117-03	Eligible Project Cost:	\$3,866,213
FY16 Rank:	320		
County:	Monmouth	Total State Amount:	\$3,866,213

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.078706
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.078706

**Project Name, Number**

Two Rivers Water Reclamation Authority  
S340117-03  
Pump Stations

**Priority List Rank**

320

**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 Authority's 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 appurtenances associated with the generator and pumps.

Anticipated Recipient:	Clifton City		
Project No.:	S340844-01	Eligible Project Cost:	\$430,399
FY16 Rank:	321		
County:	Passaic	Total State Amount:	\$430,399

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Clifton City  
S340844-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

321

**County**

Passaic

**Existing Population**

78,672

**Service Area**

City of Clifton

**Need for Project**

A sewer system evaluation survey found excessive infiltration/inflow (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
FY16 Rank:	321		
County:	Passaic	Total State Amount:	\$3,340,073

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Clifton City  
S340844-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

321

**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:	Brick Township Municipal Utilities Authority		
Project No.:	S340448-09	Eligible Project Cost:	\$2,691,295
FY16 Rank:	323		
County:	Ocean	Total State Amount:	\$2,691,295

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Brick Township Municipal Utilities Authority  
S340448-09  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

323

**County**

Ocean

**Existing Population**

75,072

**Service Area**

Brick Township

**Need for Project**

Eight of the waste water pump stations in the sewer collection system that suffered severe damage are located between 15-20 feet below grade and consist of 6 can-type pump stations and 2 ejector-type pump stations. These stations became completely submerged in salt water damaging the stations pumps motors starters controls disconnect switches wiring elevators and lighting.

**Project Description**

The proposed project includes converting the can-type and ejector-type stations to submersible pump stations. The existing below grade pumps motors and compressors along with associated motor starters controls and disconnect switches will be eliminated and replaced with new submersible pumps with all associated equipment located above the current high water level in the existing generator building. Also included is the replacement of the existing diesel generator and transfer switch with a natural gas fueled generator and switch for the six can-type stations.

Anticipated Recipient:	Brick Township Municipal Utilities Authority		
Project No.:	S340448-10	Eligible Project Cost:	\$3,032,199
FY16 Rank:	323		
County:	Ocean	Total State Amount:	\$3,032,199

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Brick Township Municipal Utilities Authority  
S340448-10  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

323

**County**

Ocean

**Existing Population**

75,072

**Service Area**

Brick Township

**Need for Project**

The Bay Harbor Boulevard Drum Point Road and Riverside Drive Waste Water Pump Stations (WWPS) are the three largest WWPS that The Brick Township Municipal Utilities Authority (Brick Utilities) owns and operates and are within the FEMA Advisory Base Flood Elevation Map. The controls electrical equipment and emergency generators for the WWPSs are located on the upper level just slightly above existing grade. In order to minimize the flooding of the upper level flood proofing of each WWPS is required. Potential options include flood proofing the entire station perimeter or the individual equipment buildings at each location.

**Project Description**

The proposed project includes converting pre-fabricated can-type stations to submersible pump stations. Upgrades include the installation of submersible pumps in the wet wells with the motor starters controls and disconnect switches located in the existing generator buildings in order to minimize the impact of potential flooding of the drywell which currently houses motors pumps compressors controls elevators lighting disconnect switches and other electrical components and is located 15 to 20 below grade.

Anticipated Recipient:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-15	Eligible Project Cost:	\$4,733,200
FY16 Rank:	325		
County:	Bergen	Total State Amount:	\$4,733,200

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

325

**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 Authority's 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
FY16 Rank:	325		
County:	Bergen	Total State Amount:	\$3,089,200

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

Possible Points  
Points Scored

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

Possible Points  
Points Scored

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.075</b>

**Project Name, Number**

Northwest Bergen County Utilities Authority  
S340700-14  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

325

**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:	Woodbridge Township		
Project No.:	S340433-04	Eligible Project Cost:	\$1,132,363
FY16 Rank:	327		
County:	Middlesex	Total State Amount:	\$1,132,363

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.06983
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.06983

**Project Name, Number**

Woodbridge Township  
S340433-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

327

**County**

Middlesex

**Existing Population**

69,830

**Service Area**

Woodbridge Township Sewaren and Kearsby sections

**Need for Project**

The sewer systems in the Sewaren and Kearsby sections constructed prior to the use of secondary treatment methods did not set strict limits on the volume of infiltration and inflow within sanitary sewers since treatment costs were not greatly affected by these extraneous flows. In recent years however the construction costs of conveyance facilities coupled with rising treatment costs associated with secondary treatment methods have resulted in efforts to eliminate infiltration and inflow in areas where it is proven to be cost-effective.

**Project Description**

The proposed project is an Infiltration/Inflow Correction program for Woodbridges existing sewer system within the Sewaren and Kearsby 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 Kearsby sewerage system serves Fords Hopelawn and Kearsby. 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
FY16 Rank:	328		
County:	Monmouth	Total State Amount:	\$1,760,462

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment Plant Improvements	500	0		
SS Rehabilitation	450	450		
Sludge Disposal/Treatment	350	0		
WW Reuse	300	0		
Septic Repair	275	0		
New Systems	250	0		
Stormwater/NPS Management	225	0		
Landfill Closure, Land Acq, Well Sealing	150	0		
Landfill Constr, Site Remediation	75	0		
Conduit Projects	50	0		
Barnegat Bay Benefit	300	0		
Green Infrastructure	50	0		
	Subtotal	450		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.066522</b>

**Project Name, Number**

Middletown Township Sewer Authority  
S340097-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

328

**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.:	S340128-07	Eligible Project Cost:	\$2,027,500
FY16 Rank:	329		
County:	Monmouth	Total State Amount:	\$2,027,500

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.065923
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.065923

**Project Name, Number**

Western Monmouth Utilities Authority  
S340128-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

329

**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
FY16 Rank:	329		
County:	Monmouth	Total State Amount:	\$4,156,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.065923</b>

**Project Name, Number**

Western Monmouth Utilities Authority  
S340128-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

329

**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
FY16 Rank:	331		
County:	Middlesex	Total State Amount:	\$2,110,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

Possible Points  
Points Scored

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

Possible Points  
Points Scored

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Old Bridge Municipal Utilities Authority  
S340945-14  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

331

**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:	Old Bridge Municipal Utilities Authority		
Project No.:	S340945-13	Eligible Project Cost:	\$4,915,537
FY16 Rank:	331		
County:	Middlesex	Total State Amount:	\$4,915,537

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.065375</b>

**Project Name, Number**

Old Bridge Municipal Utilities Authority  
S340945-13  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

331

**County**

Middlesex

**Existing Population**

65,375

**Service Area**

Laurence Harbor Sewage Drainage Basin.

**Need for Project**

The bulkhead will protect the Laurence Harbor Sewage Pump Station with a capacity of 2 MGD from storms and flooding along the Raritan Bay.

**Project Description**

(Carryover SFY2015) - Construction of a bulkhead along the Raritan Bay frontage of the Old Bridge MUA property on Boulevard West in Cliffwood Beach NJ.

Anticipated Recipient:	Ewing Lawrence Sewer Authority		
Project No.:	S340391-06	Eligible Project Cost:	\$2,718,518
FY16 Rank:	333		
County:	Mercer	Total State Amount:	\$2,718,518

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.064866
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.064866

**Project Name, Number**

Ewing Lawrence Sewer Authority  
S340391-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

333

**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 infiltration/inflow correction program including removal of stormwater connections.

Anticipated Recipient:	Gloucester Township Municipal Utilities Authority		
Project No.:	S340364-13	Eligible Project Cost:	\$1,122,734
FY16 Rank:	334		
County:	Camden	Total State Amount:	\$1,122,734

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Gloucester Township Municipal Utilities Authority  
S340364-13  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

334

**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.:	S340839-06	Eligible Project Cost:	\$16,690,000
FY16 Rank:	335		
County:	Somerset	Total State Amount:	\$16,690,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Franklin Township Sewerage Authority  
S340839-06  
Pump Stations

**Priority List Rank**

335

**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:	Old Bridge Municipal Utilities Authority		
Project No.:	S340945-05	Eligible Project Cost:	\$2,183,362
FY16 Rank:	336		
County:	Middlesex	Total State Amount:	\$2,183,362

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.060456
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.060456

**Project Name, Number**

Old Bridge Municipal Utilities Authority  
S340945-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

336

**County**

Middlesex

**Existing Population**

60,456

**Service Area**

Old Bridge

**Need for Project**

The Authority has an on-going program to eliminate sources of excessive I<sub>l</sub> in their sewer system. The project is needed due to the deterioration of the structural integrity of the sewers. In addition the Rams Field and Farrington Pump Stations are old and need to be rehabilitated and upgraded to ensure proper operation to facilitate routine maintenance and to control odors.

**Project Description**

The project includes the relining of problem sewer mains throughout the Township and the rehabilitation of two pump stations including the installation of comminutors with submersible motors and carbon filters for odor controls. A new bypass chamber will be installed in one pump station.

Anticipated Recipient:	Linden Roselle Sewer Authority		
Project No.:	S340299-05	Eligible Project Cost:	\$389,787
FY16 Rank:	337		
County:	Union	Total State Amount:	\$389,787

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Linden Roselle Sewer Authority  
S340299-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

337

**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		
Project No.:	S340953-04	Eligible Project Cost:	\$852,000
FY16 Rank:	338		
County:	Ocean	Total State Amount:	\$852,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.054856
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.054856

**Project Name, Number**

Jackson Township  
S340953-04  
Equipment Purchase (Clean Water)

**Priority List Rank**

338

**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:	Jackson Township Municipal Utilities Authority		
Project No.:	S340953-02	Eligible Project Cost:	\$2,049,114
FY16 Rank:	338		
County:	Ocean	Total State Amount:	\$2,049,114

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Jackson Township Municipal Utilities Authority  
S340953-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

338

**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:	Union Township		
Project No.:	S340293-04	Eligible Project Cost:	\$999,117
FY16 Rank:	340		
County:	Union	Total State Amount:	\$999,117

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.054405
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.054405

**Project Name, Number**

Union Township  
S340293-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

340

**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
FY16 Rank:	341		
County:	Passaic	Total State Amount:	\$3,997,392

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

341

**County**

Passaic

**Existing Population**

53,960

**Service Area**

City of Passaic

**Need for Project**

A sewer system evaluation survey recently performed by Elson T. Killam Associates for the Passaic Valley Sewerage Commissioners service area found excessive Infiltration/Inflow (I/I) in this municipality's sewer system. Raw sewage overflows were reported to have occurred on area streets.

**Project Description**

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 Jet/Vacuum Truck.

Anticipated Recipient:	Franklin Township Sewerage Authority		
Project No.:	S340839-05	Eligible Project Cost:	\$2,049,114
FY16 Rank:	342		
County:	Somerset	Total State Amount:	\$2,049,114

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment Plant Improvements	500	0		
SS Rehabilitation	450	450		
Sludge Disposal/Treatment	350	0		
WW Reuse	300	0		
Septic Repair	275	0		
New Systems	250	0		
Stormwater/NPS Management	225	0		
Landfill Closure, Land Acq, Well Sealing	150	0		
Landfill Constr, Site Remediation	75	0		
Conduit Projects	50	0		
Barnegat Bay Benefit	300	0		
Green Infrastructure	50	0		
	Subtotal	450		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.050903</b>

**Project Name, Number**

Franklin Township Sewerage Authority  
S340839-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

342

**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
FY16 Rank:	342		
County:	Somerset	Total State Amount:	\$985,189

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.050903</b>

**Project Name, Number**

Franklin Township Sewerage Authority  
S340839-04  
Equipment Purchase (Clean Water)

**Priority List Rank**

342

**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 Vector Truck to replace the old one the purchase of a new TV truck and purchase of a new backhoe truck.

Anticipated Recipient:	Wayne Township		
Project No.:	S340393-07	Eligible Project Cost:	\$2,049,114
FY16 Rank:	344		
County:	Passaic	Total State Amount:	\$2,049,114

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.04955</b>

**Project Name, Number**

Wayne Township  
S340393-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

344

**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.:	S340377-03	Eligible Project Cost:	\$9,137,611
FY16 Rank:	345		
County:	Monmouth	Total State Amount:	\$9,137,611

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.049
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.049

**Project Name, Number**

South Monmouth Regional Sewer Authority  
S340377-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

345

**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**

(Carryover SFY2015) - The Authority proposes various mechanical structural and electrical improvements to three (3) existing sanitary sewer pump stations that were damaged by Superstorm Sandy. Improvements include replacement and/or relocation of the control building replacement of mechanical and electrical equipment modifications to existing gravity sewer and force main connections and stormproofing of the pump stations for future protection.

Anticipated Recipient:	South Monmouth Regional Sewer Authority		
Project No.:	S340377-05	Eligible Project Cost:	\$2,718,518
FY16 Rank:	345		
County:	Monmouth	Total State Amount:	\$2,718,518

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

South Monmouth Regional Sewer Authority  
S340377-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

345

**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:	\$0
FY16 Rank:	345		
County:	Monmouth	Total State Amount:	\$0

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.049
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.049

**Project Name, Number**

South Monmouth Regional Sewer Authority  
S340377-04A  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

345

**County**

Monmouth

**Existing Population**

49,000

**Service Area**

n/a

**Need for Project**

n/a

**Project Description**

(Carryover SFY2015) - The Authority proposes various mechanical, structural and electrical improvements to multiple existing sanitary sewer pump stations that were damaged by Superstorm Sandy. Improvements include replacement and/or relocation of the control building, replacement of mechanical and electrical equipment/emergency generators, pumps, piping and other ancillary equipment, modifications to existing gravity sewer and force main connections and stormproofing of the pump stations for future protection.

Anticipated Recipient:	Washington Township Municipal Utilities Authority		
Project No.:	S340930-04	Eligible Project Cost:	\$1,040,303
FY16 Rank:	348		
County:	Gloucester	Total State Amount:	\$1,040,303

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.048559
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.048559

**Project Name, Number**

Washington Township Municipal Utilities Authority  
S340930-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

348

**County**

Gloucester

**Existing Population**

48,559

**Service Area**

Service area consists of Washington Township.

**Need for Project**

The Forrest Drive Pump Station is nearing the end of its useful life. Existing pumps at the pump station are in need of replacement due to excessive pump run times. Furthermore, the Township can receive a cost savings by eliminating the existing pumps and pump station and providing new, more efficient submersible pumps. Furthermore, the metal cans for the drywell and wet well have lost metal thickness with age and are in need of replacement.

**Project Description**

This project includes the demolition of an existing raw sewage wet well/ dry well pump station and the furnishing and installation of a raw sewage pump station known as "Forrest Drive Pump Station Replacement" for the Washington Township Municipal Utilities Authority Gloucester County, New Jersey.

Anticipated Recipient:	Washington Township Municipal Utilities Authority		
Project No.:	S340930-03	Eligible Project Cost:	\$2,270,465
FY16 Rank:	348		
County:	Gloucester	Total State Amount:	\$2,270,465

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.048559
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.048559

**Project Name, Number**

Washington Township Municipal Utilities Authority  
S340930-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

348

**County**

Gloucester

**Existing Population**

48,559

**Service Area**

Service area consists of Washington Township.

**Need for Project**

The Virginia Drive Pump Station is in tremendous need of replacement since it is nearing the end of its useful life. The Shoppers Lane, Bee's Branch and the Heather Road Easement sewer mains are proposed to be replaced since their are major contributors of inflow and infiltration in the system.

**Project Description**

This project includes the replacement of the Virginia Drive Pump Station and various sanitary sewer main rehabilitations and replacements. Sewer mains proposed to be either replaced or rehabilitated are located within Shoppers Lane Bees Branch and the Heather Road Easement.

Anticipated Recipient:	East Brunswick Sewerage Authority		
Project No.:	S340168-01	Eligible Project Cost:	\$1,847,907
FY16 Rank:	350		
County:	Middlesex	Total State Amount:	\$1,847,907

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

Possible Points  
Points Scored

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

Possible Points  
Points Scored

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

350

**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:	Egg Harbor Township Municipal Utilities Authority		
Project No.:	S340753-06	Eligible Project Cost:	\$620,184
FY16 Rank:	351		
County:	Atlantic	Total State Amount:	\$620,184

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.043323
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.043323

**Project Name, Number**

Egg Harbor Township Municipal Utilities Authority  
S340753-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

351

**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.:	S340753-04	Eligible Project Cost:	\$1,322,416
FY16 Rank:	351		
County:	Atlantic	Total State Amount:	\$1,322,416

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.043323
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.043323

**Project Name, Number**

Egg Harbor Township Municipal Utilities Authority  
S340753-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

351

**County**

Atlantic

**Existing Population**

43,323

**Service Area**

The project involves the lining and replacement of an existing RCP gravity interceptor main that originates in Egg Harbor Township and terminates at the boundary of the adjacent municipality of the City of Pleasantville. The interceptor main is owned and maintained by the Egg Harbor Township Municipal Utilities Authority. A portion of the interceptor located along Washington Avenue will be lined due to the deterioration of the existing RCP from hydrogen sulfide gases. The main to be lined is 27" diameter RCP and will be approximately 5,000 linear feet in length.

**Need for Project**

The project involves the lining and replacement of an existing RCP gravity interceptor main that originates in Egg Harbor Township and terminates at the boundary of the adjacent municipality of the City of Pleasantville. The interceptor main is owned and maintained by the Egg Harbor Township Municipal Utilities Authority. A portion of the interceptor located along Washington Avenue will be lined due to the deterioration of the existing RCP from hydrogen sulfide gases. The main to be lined is 27" diameter RCP and will be approximately 5,000 linear feet in length.

**Project Description**

(Carryover SFY2015) - The project involves the lining and replacement of two portions of an existing RCP gravity interceptor main that originates in Egg Harbor Township and terminates in the adjacent municipality of the City of Pleasantville. The interceptor main is owned and maintained by the Egg Harbor Township Municipal Utilities Authority. A portion of the interceptor located along Washington Avenue will be lined due to the deterioration of the existing RCP from hydrogen sulfide gases. The main to be lined ranges in size from 27 to 36 diameter RCP and will be approximately 5000 linear feet in length. A second portion of the interceptor located within an easement area within the City of Pleasantville will be abandoned and replaced with the construction of a new 36 PVC gravity main approximately 670 linear feet in length.

Anticipated Recipient:	Egg Harbor Township Municipal Utilities Authority		
Project No.:	S340753-03	Eligible Project Cost:	\$916,350
FY16 Rank:	351		
County:	Atlantic	Total State Amount:	\$916,350

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Egg Harbor Township Municipal Utilities Authority  
S340753-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

351

**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:	Berkeley Township		
Project No.:	S340969-01	Eligible Project Cost:	\$2,718,518
FY16 Rank:	354		
County:	Ocean	Total State Amount:	\$2,718,518

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.039991
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.039991

**Project Name, Number**

Berkeley Township  
S340969-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

354

**County**

Ocean

**Existing Population**

39,991

**Service Area**

Berkeley Township

**Need for Project**

To reduce elevated levels of bacteria in stormwater discharges to coastal waters.

**Project Description**

To eliminate cross-connections between sanitary and storm sewers by replacing portions of sewers sealing manholes and sealing leaks. To eliminate interconnections due to leaks flows or overflows from the sanitary sewer system.

Anticipated Recipient:	Winslow Township		
Project No.:	S340895-07	Eligible Project Cost:	\$653,528
FY16 Rank:	355		
County:	Camden	Total State Amount:	\$653,528

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.039499
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.039499

**Project Name, Number**

Winslow Township  
S340895-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

355

**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:	Montclair Township		
Project No.:	S340837-03	Eligible Project Cost:	\$1,395,161
FY16 Rank:	356		
County:	Essex	Total State Amount:	\$1,395,161

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

356

**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.

Anticipated Recipient:	Winslow Township		
Project No.:	S340895-01	Eligible Project Cost:	\$2,013,118
FY16 Rank:	357		
County:	Camden	Total State Amount:	\$2,013,118

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.034611
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.034611

**Project Name, Number**

Winslow Township  
S340895-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

357

**County**

Camden

**Existing Population**

34,611

**Service Area**

Winslow Township (Sicklersville)

**Need for Project**

The existing collection system in the Township of Winslow is possibly subject to excessive Infiltration/Inflow (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
FY16 Rank:	358		
County:	Bergen	Total State Amount:	\$682,636

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

358

**County**

Bergen

**Existing Population**

32,620

**Service Area**

Borough of Fort Lee

**Need for Project**

The Bergen County Utilities Authority Infiltration/Inflow (II) Analysis and Sewer System Evaluation survey identified excessive II in this municipality's sewer system.

**Project Description**

The excessive II will be removed by grouting slip lining and other minor rehabilitation methods.

Anticipated Recipient:	Orange City		
Project No.:	S340859-01	Eligible Project Cost:	\$964,562
FY16 Rank:	359		
County:	Essex	Total State Amount:	\$964,562

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.03173
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.03173

**Project Name, Number**

Orange City  
S340859-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

359

**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:	Garfield City	Eligible Project Cost:	\$3,997,392
Project No.:	S340172-01		
FY16 Rank:	360		
County:	Bergen	Total State Amount:	\$3,997,392

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Garfield City  
S340172-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

360

**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
FY16 Rank:	361		
County:	Monmouth	Total State Amount:	\$2,374,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.029551
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.029551

**Project Name, Number**

Ocean Township Sewer Authority  
S340750-14  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

361

**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.

Anticipated Recipient:	Ocean Township Sewer Authority		
Project No.:	S340750-13	Eligible Project Cost:	\$507,500
FY16 Rank:	361		
County:	Monmouth	Total State Amount:	\$507,500

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

361

**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
FY16 Rank:	363		
County:	Gloucester	Total State Amount:	\$2,249,480

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.028967
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.028967

**Project Name, Number**

Monroe Municipal Utilities Authority  
S340423-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

363

**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.:	S340750-12	Eligible Project Cost:	\$3,340,073
FY16 Rank:	364		
County:	Monmouth	Total State Amount:	\$3,340,073

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.027291
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.027291

**Project Name, Number**

Ocean Township Sewer Authority  
S340750-12  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

364

**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.:	S340750-10	Eligible Project Cost:	\$1,396,910
FY16 Rank:	364		
County:	Monmouth	Total State Amount:	\$1,396,910

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.027291
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.027291

**Project Name, Number**

Ocean Township Sewer Authority  
S340750-10  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

364

**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 Authority's 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.:	S340750-11	Eligible Project Cost:	\$4,522,375
FY16 Rank:	364		
County:	Monmouth	Total State Amount:	\$4,522,375

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.027291
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.027291

**Project Name, Number**

Ocean Township Sewer Authority  
S340750-11  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

364

**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
FY16 Rank:	367		
County:	Bergen	Total State Amount:	\$2,618,381

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Bergenfield Borough  
S340378-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

367

**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
FY16 Rank:	368		
County:	Cumberland	Total State Amount:	\$1,387,415

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Bridgeton City  
S340829-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

368

**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
FY16 Rank:	368		
County:	Cumberland	Total State Amount:	\$1,387,415

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Bridgeton City  
S340829-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

368

**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
FY16 Rank:	368		
County:	Cumberland	Total State Amount:	\$456,326

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.025349
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.025349

**Project Name, Number**

Bridgeton City  
S340829-03  
Emergency Generator

**Priority List Rank**

368

**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 during 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
FY16 Rank:	371		
County:	Bergen	Total State Amount:	\$1,584,586

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

371

**County**

Bergen

**Existing Population**

25,090

**Service Area**

Borough of Carlstadt and portions of Rutherford and East Rutherford

**Need for Project**

The Bergen County Utilities Authority conducted an Infiltration/Inflow (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 Hackensack 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 and/or grouting of sewers and joints, sealing manholes, repair/replacement of defective manhole covers and other standard rehabilitation measures. This project will also eliminate sewerage system overflows.

Anticipated Recipient:	Ridgewood Village		
Project No.:	S340639-07	Eligible Project Cost:	\$6,046,088
FY16 Rank:	372		
County:	Bergen	Total State Amount:	\$6,046,088

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.02486
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.02486

**Project Name, Number**

Ridgewood Village  
S340639-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

372

**County**

Bergen

**Existing Population**

24,860

**Service Area**

Village of Ridgewood

**Need for Project**

An Infiltration/Inflow (II) analysis has concluded that excessive II exists within the village's 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:	Lodi Borough	Eligible Project Cost:	\$1,780,655
Project No.:	S340317-02		
FY16 Rank:	373		
County:	Bergen	Total State Amount:	\$1,780,655

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Lodi Borough  
S340317-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

373

**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:	Madison (MCJM) Borough		
Project No.:	S340715-03	Eligible Project Cost:	\$782,388
FY16 Rank:	374		
County:	Morris	Total State Amount:	\$782,388

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

374

**County**

Morris

**Existing Population**

23,770

**Service Area**

Borough of Chatham Borough of Madison

**Need for Project**

An Infiltration/Inflow (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:	Carteret Borough		
Project No.:	S340939-06	Eligible Project Cost:	\$6,093,106
FY16 Rank:	375		
County:	Middlesex	Total State Amount:	\$6,093,106

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.022844
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.022844

**Project Name, Number**

Carteret Borough  
S340939-06  
Pump Stations

**Priority List Rank**

375

**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:	Burlington Township		
Project No.:	S340712-14	Eligible Project Cost:	\$1,259,960
FY16 Rank:	376		
County:	Burlington	Total State Amount:	\$1,259,960

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.022594
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.022594

**Project Name, Number**

Burlington Township  
S340712-14  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

376

**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.

Anticipated Recipient:	Burlington Township		
Project No.:	S340712-15	Eligible Project Cost:	\$1,080,000
FY16 Rank:	376		
County:	Burlington	Total State Amount:	\$1,080,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.022594
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.022594

**Project Name, Number**

Burlington Township  
S340712-15  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

376

**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.

Anticipated Recipient:	Burlington Township		
Project No.:	S340712-14-1	Eligible Project Cost:	\$200,000
FY16 Rank:	376		
County:	Burlington	Total State Amount:	\$200,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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  
S340712-14-1  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

376

**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.

Anticipated Recipient:	Raritan Township Municipal Utilities Authority		
Project No.:	S340485-11	Eligible Project Cost:	\$500,308
FY16 Rank:	379		
County:	Hunterdon	Total State Amount:	\$500,308

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.0225
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.0225

**Project Name, Number**

Raritan Township Municipal Utilities Authority  
S340485-11  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

379

**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
FY16 Rank:	379		
County:	Hunterdon	Total State Amount:	\$2,250,375

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.0225
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.0225

**Project Name, Number**

Raritan Township Municipal Utilities Authority  
S340485-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

379

**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
FY16 Rank:	381		
County:	Middlesex	Total State Amount:	\$374,327

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.02236</b>

**Project Name, Number**

South Brunswick Township  
S340866-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

381

**County**

Middlesex

**Existing Population**

22,360

**Service Area**

South Brunswick Township (Kendall Park)

**Need for Project**

The Township has had an ongoing I/I program since 1990. Sewer lines have been televised and problem areas recorded. Small problems have been corrected but certain areas require lining or replacement of existing lines.

**Project Description**

The project involves the lining or replacement of existing sewer lines on an as needed basis to reduce I/I in the system.

Anticipated Recipient:	Medford Township		
Project No.:	S340346-06	Eligible Project Cost:	\$3,242,185
FY16 Rank:	382		
County:	Burlington	Total State Amount:	\$3,242,185

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.022253
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.022253

**Project Name, Number**

Medford Township  
S340346-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

382

**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
FY16 Rank:	383		
County:	Middlesex	Total State Amount:	\$458,425

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.02181
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.02181

**Project Name, Number**

South Plainfield Borough  
S340408-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

383

**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 and/or 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:	West Deptford Township		
Project No.:	S340947-05	Eligible Project Cost:	\$1,232,500
FY16 Rank:	384		
County:	Gloucester	Total State Amount:	\$1,232,500

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.021677
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.021677

**Project Name, Number**

West Deptford Township  
S340947-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

384

**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:	Edgewater Borough		
Project No.:	S340443-05	Eligible Project Cost:	\$3,095,477
FY16 Rank:	385		
County:	Bergen	Total State Amount:	\$3,095,477

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.02138
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.02138

**Project Name, Number**

Edgewater Borough  
S340443-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

385

**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 proposed project includes sanitary point repairs throughout the northern portion of the Borough including manhole repairs.

Anticipated Recipient:	Hazlet Township		
Project No.:	S340968-01	Eligible Project Cost:	\$916,350
FY16 Rank:	386		
County:	Monmouth	Total State Amount:	\$916,350

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Hazlet Township  
S340968-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

386

**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:	Hillside Township		
Project No.:	S340906-03	Eligible Project Cost:	\$1,110,388
FY16 Rank:	386		
County:	Union	Total State Amount:	\$1,110,388

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Hillside Township  
S340906-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

386

**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.

Anticipated Recipient:	Roselle Borough		
Project No.:	S340332-02	Eligible Project Cost:	\$3,471,822
FY16 Rank:	388		
County:	Union	Total State Amount:	\$3,471,822

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

388

**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 I/I 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:	Carteret Borough		
Project No.:	S340939-01	Eligible Project Cost:	\$7,234,505
FY16 Rank:	389		
County:	Middlesex	Total State Amount:	\$7,234,505

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

389

**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
FY16 Rank:	390		
County:	Burlington	Total State Amount:	\$639,645

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.020294
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.020294

**Project Name, Number**

Burlington Township  
S340712-13  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

390

**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 (8) 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
FY16 Rank:	391		
County:	Gloucester	Total State Amount:	\$2,315,615

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

391

**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
FY16 Rank:	392		
County:	Bergen	Total State Amount:	\$2,049,114

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

392

**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
FY16 Rank:	393		
County:	Burlington	Total State Amount:	\$1,721,795

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.019079
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.019079

**Project Name, Number**

Maple Shade Township  
S340710-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

393

**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
FY16 Rank:	394		
County:	Burlington	Total State Amount:	\$862,491

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Moorestown Township  
S340912-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

394

**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
FY16 Rank:	395		
County:	Bergen	Total State Amount:	\$985,189

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.018925</b>

**Project Name, Number**

Elmwood Park Borough  
S340863-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

395

**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 infiltration/inflow (II) in this municipality's sewer system.

**Project Description**

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

Anticipated Recipient:	Rutherford Borough		
Project No.:	S340192-01	Eligible Project Cost:	\$708,917
FY16 Rank:	396		
County:	Bergen	Total State Amount:	\$708,917

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.01811
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.01811

**Project Name, Number**

Rutherford Borough  
S340192-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

396

**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
FY16 Rank:	397		
County:	Bergen	Total State Amount:	\$3,625,787

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.01771
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.01771

**Project Name, Number**

Dumont Borough  
S340922-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

397

**County**

Bergen

**Existing Population**

17,710

**Service Area**

Dumont

**Need for Project**

The existing Sanitary Sewer System serves the Borough of Dumont and is approximately 65 years old. Treatment of the wastewater collected is provided by the Bergen County Utilities Authority at the Little Ferry Treatment Plant. Field investigations and existing records available at the Department of Public Works of the Borough of Dumont reveal that the condition of the sanitary sewer system is substandard. There are many sections of this mostly clay pipe system that have been troublesome resulting in frequent blockages and requiring significant efforts and time by the Department of Public Works to clear the lines. These blockages and problems are caused mainly by undersized piping cracking of pipes root intrusion offset joints and inadequate slopes. The purpose of the program to rehabilitate the Sanitary Sewer System is to correct these problem areas and also to decrease the amount of infiltration into the system.

**Project Description**

The areas of the system requiring rehabilitation were selected based on the problems incurred as recorded in the Department of Public Works files and past field investigations. The proposed scope of work will be carried out in four (4) phases over a 4-year period. The first phase will cover the southwest quadrant of the Borough where the system connects up with Bergen County Utilities Authority's System the second phase will cover the northwest quadrant the third phase the southwest quadrant and the fourth and final phase the northeast quadrant.

Anticipated Recipient:	Stony Brook Regional Sewer Authority		
Project No.:	S340400-03	Eligible Project Cost:	\$560,281
FY16 Rank:	398		
County:	Mercer	Total State Amount:	\$560,281

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.01712
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.01712

**Project Name, Number**

Stony Brook Regional Sewer Authority  
S340400-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

398

**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
FY16 Rank:	399		
County:	Bergen	Total State Amount:	\$430,399

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.017073
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.017073

**Project Name, Number**

Palisades Park Borough  
S340313-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

399

**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:	Readington Township		
Project No.:	S340577-07	Eligible Project Cost:	\$226,059
FY16 Rank:	400		
County:	Hunterdon	Total State Amount:	\$226,059

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.015803
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.015803

**Project Name, Number**

Readington Township  
S340577-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

400

**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
FY16 Rank:	401		
County:	Monmouth	Total State Amount:	\$316,480

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.015781
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.015781

**Project Name, Number**

Holmdel Township  
S340919-03  
Equipment Purchase (Clean Water)

**Priority List Rank**

401

**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
FY16 Rank:	402		
County:	Warren	Total State Amount:	\$2,463,225

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Warren County  
S340580-04  
Interconnection

**Priority List Rank**

402

**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:	Bernards Township Sewerage Authority		
Project No.:	S340382-03	Eligible Project Cost:	\$482,182
FY16 Rank:	403		
County:	Somerset	Total State Amount:	\$482,182

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.0153
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.0153

**Project Name, Number**

Bernards Township Sewerage Authority  
S340382-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

403

**County**

Somerset

**Existing Population**

15,300

**Service Area**

Bernards Township

**Need for Project**

There is excessive infiltration/inflow in the existing collection system which can be cost-effectively removed by 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:	Hammonton Town		
Project No.:	S340927-08	Eligible Project Cost:	\$2,220,549
FY16 Rank:	404		
County:	Atlantic	Total State Amount:	\$2,220,549

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment Plant Improvements	500	0		
SS Rehabilitation	450	450		
Sludge Disposal/Treatment	350	0		
WW Reuse	300	0		
Septic Repair	275	0		
New Systems	250	0		
Stormwater/NPS Management	225	0		
Landfill Closure, Land Acq, Well Sealing	150	0		
Landfill Constr, Site Remediation	75	0		
Conduit Projects	50	0		
Barnegat Bay Benefit	300	0		
Green Infrastructure	50	0		
	Subtotal	450		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Hammonton Town  
S340927-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

404

**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:	Hammonton Town		
Project No.:	S340927-06	Eligible Project Cost:	\$325,117
FY16 Rank:	404		
County:	Atlantic	Total State Amount:	\$325,117

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.014791
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.014791

**Project Name, Number**

Hammonton Town  
S340927-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

404

**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:	Dover Town	Eligible Project Cost:	\$935,648
Project No.:	S340889-01		
FY16 Rank:	406		
County:	Morris	Total State Amount:	\$935,648

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Dover Town  
S340889-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

406

**County**

Morris

**Existing Population**

14,410

**Service Area**

Town of Dover

**Need for Project**

The Rockaway Valley Regional Sewerage Authority Infiltration/Inflow (II) Analysis and Sewer System Evaluation Survey identified excessive II in this municipality's 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
FY16 Rank:	407		
County:	Essex	Total State Amount:	\$1,465,130

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Verona Township  
S340533-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

407

**County**

Essex

**Existing Population**

14,150

**Service Area**

Borough of Verona

**Need for Project**

An Infiltration/Inflow (I/I) analysis has concluded that the Borough's sewer system exhibits excessive I/I. Additional studies are underway to further define the quantity of excessive I/I and to propose a sewer rehabilitation program to mitigate hydraulic overloading of the plant during severe storm events which affects the performance of the treatment plant.

**Project Description**

This proposed project will consist of I/I correction to remove a portion of the excessive I/I. Construction of an equalization basin for storage of inflow may be necessary depending upon the conclusions of the additional on-going studies.

Anticipated Recipient:	Springfield Township		
Project No.:	S340855-01	Eligible Project Cost:	\$1,465,130
FY16 Rank:	408		
County:	Union	Total State Amount:	\$1,465,130

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.01409
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.01409

**Project Name, Number**

Springfield Township  
S340855-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

408

**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:	Clinton Town	Eligible Project Cost:	\$1,259,960
Project No.:	S340924-06		
FY16 Rank:	409		
County:	Hunterdon	Total State Amount:	\$1,259,960

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.013299
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.013299

**Project Name, Number**

Clinton Town  
S340924-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

409

**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 Jersey Facilities in Union Township.

**Need for Project**

The II study and remediation project will reduce the extraneous flows entering the system and reduce the possibility 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:	Highland Park Borough		
Project No.:	S340938-01	Eligible Project Cost:	\$4,315,232
FY16 Rank:	410		
County:	Middlesex	Total State Amount:	\$4,315,232

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.013279
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.013279

**Project Name, Number**

Highland Park Borough  
S340938-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

410

**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.

Anticipated Recipient:	Cedar Grove Township		
Project No.:	S340717-05	Eligible Project Cost:	\$374,327
FY16 Rank:	411		
County:	Essex	Total State Amount:	\$374,327

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.01262
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.01262

**Project Name, Number**

Cedar Grove Township  
S340717-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

411

**County**

Essex

**Existing Population**

12,620

**Service Area**

Township of Cedar Grove

**Need for Project**

An Infiltration/Inflow (I/I) analysis has concluded that the Township's sewer system exhibits excessive I/I. Additional studies are underway to further define this excessive I/I and to propose a sewer rehabilitation program.

**Project Description**

This proposed project will consist of minor rehabilitation work to remove a portion of the excessive I/I. Construction of an equalization basin for storage of inflow may be recommended depending upon the conclusion of the additional on-going studies.

Anticipated Recipient:	Parsippany Troy Hills Township		
Project No.:	S340766-02	Eligible Project Cost:	\$51,639
FY16 Rank:	412		
County:	Morris	Total State Amount:	\$51,639

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

412

**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:	Roxbury Township		
Project No.:	S340381-05	Eligible Project Cost:	\$1,344,941
FY16 Rank:	413		
County:	Morris	Total State Amount:	\$1,344,941

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

413

**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
FY16 Rank:	414		
County:	Bergen	Total State Amount:	\$14,226,449

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Hasbrouck Heights Borough  
S340329-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

414

**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
FY16 Rank:	415		
County:	Camden	Total State Amount:	\$2,517,530

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

415

**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) and 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.:	S340200-01	Eligible Project Cost:	\$268,597
FY16 Rank:	416		
County:	Essex	Total State Amount:	\$268,597

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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  
S340200-01  
Pump Stations

**Priority List Rank**

416

**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
FY16 Rank:	417		
County:	Morris	Total State Amount:	\$1,396,910

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.011172
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.011172

**Project Name, Number**

Florham Park Borough  
S340703-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

417

**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 and/or replacement to eliminate excessive quantities of II.

Anticipated Recipient:	Westwood Borough		
Project No.:	S340862-01	Eligible Project Cost:	\$971,700
FY16 Rank:	418		
County:	Bergen	Total State Amount:	\$971,700

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Westwood Borough  
S340862-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

418

**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 municipality's 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
FY16 Rank:	419		
County:	Passaic	Total State Amount:	\$2,183,362

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Little Falls Township  
S340716-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

419

**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
FY16 Rank:	420		
County:	Bergen	Total State Amount:	\$458,425

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.01064
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.01064

**Project Name, Number**

River Edge Borough  
S340841-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

420

**County**

Bergen

**Existing Population**

10,640

**Service Area**

Borough of River Edge

**Need for Project**

The Bergen County Utilities Authority Infiltration/Inflow (II) Analysis and Sewer System Evaluation Survey identified excessive II in this municipality's 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
FY16 Rank:	421		
County:	Passaic	Total State Amount:	\$1,567,310

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

Possible Points  
Points Scored

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

Possible Points  
Points Scored

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Wanaque Valley Regional Sewer Authority  
S340780-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

421

**County**

Passaic

**Existing Population**

10,580

**Service Area**

Wanaque Borough

**Need for Project**

An Infiltration/Inflow (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
FY16 Rank:	422		
County:	Middlesex	Total State Amount:	\$244,515

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.0105</b>

**Project Name, Number**

Sayreville Borough  
S340326-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

422

**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
FY16 Rank:	423		
County:	Bergen	Total State Amount:	\$1,522,661

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.01034
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.01034

**Project Name, Number**

Fairview Borough  
S340517-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

423

**County**

Bergen

**Existing Population**

10,340

**Service Area**

Borough of Fairview

**Need for Project**

BCUA has completed an Infiltration/Inflow (I/I) analysis and Sewer System Evaluation Survey which has identified excessive I/I within the Boroughs sewer system and proposed an I/I correction program to eliminate a portion of these extraneous I/I flows.

**Project Description**

This proposed project may include the grouting and sealing of leaking manholes and sewer lines repair or adjustments of defective manhole covers and other minor rehabilitation measures.

Anticipated Recipient:	Pine Hill Municipal Utilities Authority		
Project No.:	S340274-05	Eligible Project Cost:	\$1,286,028
FY16 Rank:	424		
County:	Camden	Total State Amount:	\$1,286,028

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

424

**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
FY16 Rank:	425		
County:	Monmouth	Total State Amount:	\$6,614,815

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.010105</b>

**Project Name, Number**

Keansburg Borough  
S340118-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

425

**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
FY16 Rank:	425		
County:	Monmouth	Total State Amount:	\$4,653,327

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.010105
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.010105

**Project Name, Number**

Keansburg Borough  
S340118-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

425

**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 and/or replacement to in satisfactory condition.

Anticipated Recipient:	Little Ferry Borough		
Project No.:	S340425-01	Eligible Project Cost:	\$4,915,537
FY16 Rank:	427		
County:	Bergen	Total State Amount:	\$4,915,537

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Little Ferry Borough  
S340425-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

427

**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
FY16 Rank:	428		
County:	Atlantic	Total State Amount:	\$3,014,413

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment Plant Improvements	500	0		
SS Rehabilitation	450	450		
Sludge Disposal/Treatment	350	0		
WW Reuse	300	0		
Septic Repair	275	0		
New Systems	250	0		
Stormwater/NPS Management	225	0		
Landfill Closure, Land Acq, Well Sealing	150	0		
Landfill Constr, Site Remediation	75	0		
Conduit Projects	50	0		
Barnegat Bay Benefit	300	0		
Green Infrastructure	50	0		
	Subtotal	450		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.00945</b>

**Project Name, Number**

Brigantine City  
S340827-04  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

428

**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
FY16 Rank:	429		
County:	Camden	Total State Amount:	\$1,094,976

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Audubon Borough  
S340309-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

429

**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 and/or contain severe sags. Other mains will be sliplined to reduce infiltration/inflow.

Anticipated Recipient:	Harrison Township		
Project No.:	S340362-04	Eligible Project Cost:	\$2,054,490
FY16 Rank:	430		
County:	Gloucester	Total State Amount:	\$2,054,490

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.008788
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.008788

**Project Name, Number**

Harrison Township  
S340362-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

430

**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
FY16 Rank:	431		
County:	Morris	Total State Amount:	\$1,396,910

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Long Hill Township  
S340404-09  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

431

**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:	Oradell Borough		
Project No.:	S340835-04	Eligible Project Cost:	\$1,136,488
FY16 Rank:	432		
County:	Bergen	Total State Amount:	\$1,136,488

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment Plant Improvements	500	0		
SS Rehabilitation	450	450		
Sludge Disposal/Treatment	350	0		
WW Reuse	300	0		
Septic Repair	275	0		
New Systems	250	0		
Stormwater/NPS Management	225	0		
Landfill Closure, Land Acq, Well Sealing	150	0		
Landfill Constr, Site Remediation	75	0		
Conduit Projects	50	0		
Barnegat Bay Benefit	300	0		
Green Infrastructure	50	0		
	Subtotal	450		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00847
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00847

**Project Name, Number**

Oradell Borough  
S340835-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

432

**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
FY16 Rank:	433		
County:	Camden	Total State Amount:	\$1,553,702

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.008468
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.008468

**Project Name, Number**

Runnemede Borough  
S340363-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

433

**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:	Ocean Township	Eligible Project Cost:	\$2,290,548
Project No.:	S340112-07		
FY16 Rank:	434		
County:	Ocean	Total State Amount:	\$2,290,548

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.008332
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.008332

**Project Name, Number**

Ocean Township  
S340112-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

434

**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 drainage improvements along Maplewood Road Teaneck Road Englewood Avenue Dune Lane Stillwater Road and Harborage Place.

Anticipated Recipient:	Haddon Heights Borough		
Project No.:	S340877-01	Eligible Project Cost:	\$1,364,098
FY16 Rank:	435		
County:	Camden	Total State Amount:	\$1,364,098

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.0082
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.0082

**Project Name, Number**

Haddon Heights Borough  
S340877-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

435

**County**

Camden

**Existing Population**

8,200

**Service Area**

Haddon Heights Borough

**Need for Project**

The existing collection system in the Borough of Haddon Heights is antiquated and subject to possible excessive infiltration/inflow (I/I).

**Project Description**

The project consists of the rehabilitation of the sewer system.

Anticipated Recipient:	Bogota Borough		
Project No.:	S340914-01	Eligible Project Cost:	\$3,094,238
FY16 Rank:	436		
County:	Bergen	Total State Amount:	\$3,094,238

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Bogota Borough  
S340914-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

436

**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
FY16 Rank:	437		
County:	Passaic	Total State Amount:	\$1,021,028

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

437

**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:	Glen Ridge Borough		
Project No.:	S340861-02	Eligible Project Cost:	\$684,574
FY16 Rank:	438		
County:	Essex	Total State Amount:	\$684,574

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00787
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.00787

**Project Name, Number**

Glen Ridge Borough  
S340861-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

438

**County**

Essex

**Existing Population**

7,870

**Service Area**

Borough of Glen Ridge

**Need for Project**

The Boroughs sanitary sewer system is experiencing blockages and infiltration due to cracks in the vitrified clay pipe as the result of intrusion of tree roots. The project will reduce infiltration and the migration of effluent to groundwater.

**Project Description**

The Borough plans to slip line 5,400 feet of 8 inch and 10 inch sanitary sewer lines and reline 22 manholes.

Anticipated Recipient:	Carneys Point Township		
Project No.:	S340502-07	Eligible Project Cost:	\$604,874
FY16 Rank:	439		
County:	Salem	Total State Amount:	\$604,874

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Carneys Point Township  
S340502-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

439

**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.

Anticipated Recipient:	Montvale Borough		
Project No.:	S340846-01	Eligible Project Cost:	\$104,753
FY16 Rank:	440		
County:	Bergen	Total State Amount:	\$104,753

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00753
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.00753

**Project Name, Number**

Montvale Borough  
S340846-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

440

**County**

Bergen

**Existing Population**

7,530

**Service Area**

Borough of Montvale

**Need for Project**

The Bergen County Utilities Authority Infiltration/Inflow (II) Analysis and Sewer System Evaluation Survey identified excessive II in this municipality's sewer system.

**Project Description**

The excessive II will be removed by grouting slip lining and other minor rehabilitation methods.

Anticipated Recipient:	Barrington Borough		
Project No.:	S340305-02	Eligible Project Cost:	\$1,396,910
FY16 Rank:	441		
County:	Camden	Total State Amount:	\$1,396,910

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Barrington Borough  
S340305-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

441

**County**

Camden

**Existing Population**

7,084

**Service Area**

Borough of Barrington

**Need for Project**

The Borough of Barrington's sanitary sewer collection system is known to experience excessive amounts of infiltration and inflow. Municipal pump stations operate continuously during times of inclement weather and when the groundwater table is high.

**Project Description**

The proposed project 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
FY16 Rank:	442		
County:	Somerset	Total State Amount:	\$1,135,113

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00668
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.00668

**Project Name, Number**

Bernardsville Borough  
S340816-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

442

**County**

Somerset

**Existing Population**

6,680

**Service Area**

Borough of Bernardsville

**Need for Project**

Based on an infiltration/inflow analysis sponsored by the Somerset County Planning Board the Upper Raritan Watershed Wastewater Facilities Plan recommends a Sewer System Evaluation Survey (SSES) be performed on the Bernardsville sewer system.

**Project Description**

The SSES will include a physical survey of the Bernardsville sewer system including manhole inspections and flow inspection (measurement of sewage flows in isolated reaches of pipe) rainfall simulation and smoke testing building inspection of units suspected of contributing inflow to the sanitary sewers and television inspection. If correction in accordance with the recommendations of the SSES will follow.

Anticipated Recipient:	Dunellen Borough		
Project No.:	S340916-01	Eligible Project Cost:	\$7,234,505
FY16 Rank:	443		
County:	Middlesex	Total State Amount:	\$7,234,505

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment Plant Improvements	500	0		
SS Rehabilitation	450	450		
Sludge Disposal/Treatment	350	0		
WW Reuse	300	0		
Septic Repair	275	0		
New Systems	250	0		
Stormwater/NPS Management	225	0		
Landfill Closure, Land Acq, Well Sealing	150	0		
Landfill Constr, Site Remediation	75	0		
Conduit Projects	50	0		
Barnegat Bay Benefit	300	0		
Green Infrastructure	50	0		
	Subtotal	450		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.00652</b>

**Project Name, Number**

Dunellen Borough  
S340916-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

443

**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
FY16 Rank:	444		
County:	Middlesex	Total State Amount:	\$1,117,248

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.006025
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.006025

**Project Name, Number**

Jamesburg Borough  
S340224-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

444

**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
FY16 Rank:	445		
County:	Monmouth	Total State Amount:	\$2,317,315

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

445

**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 and/or 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
FY16 Rank:	446		
County:	Passaic	Total State Amount:	\$708,917

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.005779
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.005779

**Project Name, Number**

Prospect Park Borough  
S340186-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

446

**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
FY16 Rank:	447		
County:	Warren	Total State Amount:	\$3,340,073

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

447

**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
FY16 Rank:	448		
County:	Bergen	Total State Amount:	\$218,940

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00559
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.00559

**Project Name, Number**

North Arlington-Lyndhurst Joint Meeting  
S340426-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

448

**County**

Bergen

**Existing Population**

5,590

**Service Area**

Portions of the Borough of North Arlington

**Need for Project**

The Joint Meeting has conducted an Infiltration/Inflow (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
FY16 Rank:	448		
County:	Bergen	Total State Amount:	\$4,688,749

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment Plant Improvements	500	0		
SS Rehabilitation	450	450		
Sludge Disposal/Treatment	350	0		
WW Reuse	300	0		
Septic Repair	275	0		
New Systems	250	0		
Stormwater/NPS Management	225	0		
Landfill Closure, Land Acq, Well Sealing	150	0		
Landfill Constr, Site Remediation	75	0		
Conduit Projects	50	0		
Barnegat Bay Benefit	300	0		
Green Infrastructure	50	0		
	Subtotal	450		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.00559</b>

**Project Name, Number**

North Arlington-Lyndhurst Joint Meeting  
S340426-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

448

**County**

Bergen

**Existing Population**

5,590

**Service Area**

Borough of Lyndhurst

**Need for Project**

The Joint Meeting has conducted an Infiltration/Inflow (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
FY16 Rank:	450		
County:	Bergen	Total State Amount:	\$2,255,626

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

450

**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
FY16 Rank:	451		
County:	Camden	Total State Amount:	\$444,422

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00544
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.00544

**Project Name, Number**

Somerdale Borough  
S340338-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

451

**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 infiltration/inflow.

**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
FY16 Rank:	452		
County:	Monmouth	Total State Amount:	\$163,328

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.00537</b>

**Project Name, Number**

Spring Lake Heights Borough  
S340840-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

452

**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
FY16 Rank:	453		
County:	Morris	Total State Amount:	\$479,390

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.005236
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.005236

**Project Name, Number**

Morris Plains Borough  
S340330-01  
Pump Stations

**Priority List Rank**

453

**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
FY16 Rank:	454		
County:	Monmouth	Total State Amount:	\$430,399

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Neptune City Borough  
S340106-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

454

**County**

Monmouth

**Existing Population**

5,218

**Service Area**

Borough of Neptune City

**Need for Project**

The existing pump station is aging in need of repair and undersized to handle current flows.

**Project Description**

The proposed project is for the replacement the existing pump station.

Anticipated Recipient:	Highlands Borough		
Project No.:	S340901-01	Eligible Project Cost:	\$877,696
FY16 Rank:	455		
County:	Monmouth	Total State Amount:	\$877,696

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

455

**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
FY16 Rank:	456		
County:	Sussex	Total State Amount:	\$2,718,518

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Franklin Borough  
S340129-01  
Pump Stations

**Priority List Rank**

456

**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:	Highlands Borough		
Project No.:	S340901-02	Eligible Project Cost:	\$147,540
FY16 Rank:	457		
County:	Monmouth	Total State Amount:	\$147,540

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.005005
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.005005

**Project Name, Number**

Highlands Borough  
S340901-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

457

**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:	Penns Grove Borough		
Project No.:	S340502-05	Eligible Project Cost:	\$1,122,734
FY16 Rank:	458		
County:	Salem	Total State Amount:	\$1,122,734

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.004886
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.004886

**Project Name, Number**

Penns Grove Borough  
S340502-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

458

**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 and/or contain severe sags. Other mains will be sliplined or replaced.

Anticipated Recipient:	Roseland Borough		
Project No.:	S340361-01	Eligible Project Cost:	\$123,712
FY16 Rank:	459		
County:	Essex	Total State Amount:	\$123,712

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

459

**County**

Essex

**Existing Population**

4,850

**Service Area**

Borough of Roseland

**Need for Project**

The excessive inflow and infiltration condition results in surcharging of the collection system. In addition the excess flow is being directed to the Caldwell STP and these additional volumes result in higher treatment costs to the Borough of Roseland.

**Project Description**

The Borough has conducted preliminary field investigations and determined that several residential neighborhoods are experiencing significant inflow infiltration problems. These impacted areas represent approximately twenty (20) percent of the utility users. The Borough will embark upon final studies to determine the exact location and magnitude of the problems. The rehabilitation work will include air testing and chemical grouting of approximately 8000 linear feet of sanitary sewer.

Anticipated Recipient:	Harrison Township		
Project No.:	S340362-01	Eligible Project Cost:	\$3,125,171
FY16 Rank:	460		
County:	Gloucester	Total State Amount:	\$3,125,171

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00472
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.00472

**Project Name, Number**

Harrison Township  
S340362-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

460

**County**

Gloucester

**Existing Population**

4,720

**Service Area**

Harrison Township

**Need for Project**

The sanitary sewer system is approximately 25 to 30 years old and was constructed of terra cotta pipe. A majority of these sewer mains are located in low lying areas adjacent to wetlands or streams. In addition the 11 pump stations are also 25 to 30 years old and are in need of rehabilitation to bring them up to current operational standards. Several of the pump stations do not have back-up emergency generators or other alternate power source.

**Project Description**

The Township will repair and/or replace those sections of the sewer system which experience problems. Also included is the necessary work to upgrade the existing pump stations to current standards.

Anticipated Recipient:	Sayreville Borough	Eligible Project Cost:	\$7,049,396
Project No.:	S340326-07		
FY16 Rank:	461		
County:	Middlesex	Total State Amount:	\$7,049,396

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Sayreville Borough  
S340326-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

461

**County**

Middlesex

**Existing Population**

4,430

**Service Area**

Sayreville Borough

**Need for Project**

The southern and western portions of the Morgan Section of the Borough of Sayreville are presently served by a series of six municipal pump stations and one privately owned pump station which convey the wastewater flow to the Middlesex County Utilities Authority's secondary treatment facility. The gravity collection system downstream of the discharge of a major basin pumping station is subject to surcharge to the point of overflow during dry weather peak flow periods. Anticipated growth in the area will additionally stress the already overloaded conveyance facilities.

**Project Description**

The proposed project calls for the construction of a gravity interceptor regional pump station and force main and the upgrading of four existing sub-regional pump stations. The wastewater flow will ultimately discharge directly to the Middlesex County Utilities Authority gravity sewer which runs parallel to the New York and Long Branch railroad.

Anticipated Recipient:	Bradley Beach Borough		
Project No.:	S340472-01	Eligible Project Cost:	\$2,623,450
FY16 Rank:	462		
County:	Monmouth	Total State Amount:	\$2,623,450

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

462

**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 1900s. It is the Boroughs 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

Anticipated Recipient:	Flemington Borough		
Project No.:	S340440-04	Eligible Project Cost:	\$1,645,877
FY16 Rank:	463		
County:	Hunterdon	Total State Amount:	\$1,645,877

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment Plant Improvements	500	0		
SS Rehabilitation	450	450		
Sludge Disposal/Treatment	350	0		
WW Reuse	300	0		
Septic Repair	275	0		
New Systems	250	0		
Stormwater/NPS Management	225	0		
Landfill Closure, Land Acq, Well Sealing	150	0		
Landfill Constr, Site Remediation	75	0		
Conduit Projects	50	0		
Barnegat Bay Benefit	300	0		
Green Infrastructure	50	0		
	Subtotal	450		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.0042</b>

**Project Name, Number**

Flemington Borough  
S340440-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

463

**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.

Anticipated Recipient:	Medford Lakes Borough		
Project No.:	S340319-01	Eligible Project Cost:	\$289,789
FY16 Rank:	464		
County:	Burlington	Total State Amount:	\$289,789

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.004173
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.004173

**Project Name, Number**

Medford Lakes Borough  
S340319-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

464

**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
FY16 Rank:	465		
County:	Burlington	Total State Amount:	\$10,610,800

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.004146
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.004146

**Project Name, Number**

Medford Lakes Borough  
S340319-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

465

**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.

Anticipated Recipient:	Delaware Township Municipal Utilities Authority		
Project No.:	S340917-02	Eligible Project Cost:	\$430,399
FY16 Rank:	466		
County:	Hunterdon	Total State Amount:	\$430,399

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Delaware Township Municipal Utilities Authority  
S340917-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

466

**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:	Lambertville Municipal Utilities Authority		
Project No.:	S340882-08	Eligible Project Cost:	\$10,218,000
FY16 Rank:	467		
County:	Hunterdon	Total State Amount:	\$10,218,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Lambertville Municipal Utilities Authority  
S340882-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

467

**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 LMUAs 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:	Merchantville Borough		
Project No.:	S340367-03	Eligible Project Cost:	\$805,887
FY16 Rank:	468		
County:	Camden	Total State Amount:	\$805,887

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Merchantville Borough  
S340367-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

468

**County**

Camden

**Existing Population**

3,821

**Service Area**

Borough of Merchantville

**Need for Project**

The existing sanitary sewers are in need of replacement/repair because of broken/collapsed 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
FY16 Rank:	469		
County:	Hunterdon	Total State Amount:	\$233,167

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00377
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.00377

**Project Name, Number**

High Bridge Borough  
S340842-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

469

**County**

Hunterdon

**Existing Population**

3,770

**Service Area**

Borough of High Bridge

**Need for Project**

The Borough of High Bridge suspects excessive Infiltration/Inflow quantities to be present in their municipal sewerage system.

**Project Description**

Pending study by the Borough the excessive I/I is proposed to be removed by grouting manhole replacement and other minor rehabilitation methods.

Anticipated Recipient:	Stanhope Borough		
Project No.:	S340504-02	Eligible Project Cost:	\$254,421
FY16 Rank:	470		
County:	Sussex	Total State Amount:	\$254,421

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Stanhope Borough  
S340504-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

470

**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 infiltration/inflow 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
FY16 Rank:	471		
County:	Warren	Total State Amount:	\$706,449

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment Plant Improvements	500	0		
SS Rehabilitation	450	450		
Sludge Disposal/Treatment	350	0		
WW Reuse	300	0		
Septic Repair	275	0		
New Systems	250	0		
Stormwater/NPS Management	225	0		
Landfill Closure, Land Acq, Well Sealing	150	0		
Landfill Constr, Site Remediation	75	0		
Conduit Projects	50	0		
Barnegat Bay Benefit	300	0		
Green Infrastructure	50	0		
	Subtotal	450		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.003416</b>

**Project Name, Number**

Pohatcong Township  
S340109-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

471

**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:	Delanco Sewerage Authority		
Project No.:	S340956-02	Eligible Project Cost:	\$1,854,848
FY16 Rank:	472		
County:	Burlington	Total State Amount:	\$1,854,848

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

472

**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 of sewer line. The Hickory Street Pump Station will be rehabilitated and upgraded and a new force main constructed to by-pass the existing trunk sewer.

Anticipated Recipient:	Long Beach Township		
Project No.:	S340023-07	Eligible Project Cost:	\$4,486,000
FY16 Rank:	473		
County:	Ocean	Total State Amount:	\$4,486,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.003051
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.003051

**Project Name, Number**

Long Beach Township  
S340023-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

473

**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.:	S340023-06	Eligible Project Cost:	\$3,524,481
FY16 Rank:	473		
County:	Ocean	Total State Amount:	\$3,524,481

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

473

**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.

Anticipated Recipient:	Woodbury Heights Borough		
Project No.:	S340257-02	Eligible Project Cost:	\$1,841,186
FY16 Rank:	475		
County:	Gloucester	Total State Amount:	\$1,841,186

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.002988
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.002988

**Project Name, Number**

Woodbury Heights Borough  
S340257-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

475

**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 infiltration/inflow correction program in conjunction with the replacement/rehabilitation of sections of the sewer system.

Anticipated Recipient:	Sea Isle City	Eligible Project Cost:	\$667,397
Project No.:	S340659-01		
FY16 Rank:	476		
County:	Cape May	Total State Amount:	\$667,397

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00295
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.00295

**Project Name, Number**

Sea Isle City  
S340659-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

476

**County**

Cape May

**Existing Population**

2,950

**Service Area**

Sea Isle City

**Need for Project**

The Sea Isle City collection system is subject to possible excessive amounts of infiltration/inflow (II) as documented in a sewer system evaluation survey.

**Project Description**

The proposed rehabilitation tasks include cleaning and inspection repair and/or replacement of damaged or deteriorated sewer pipes and manholes.

Anticipated Recipient:	Moonachie Borough		
Project No.:	S340970-02	Eligible Project Cost:	\$332,158
FY16 Rank:	477		
County:	Bergen	Total State Amount:	\$332,158

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00279
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.00279

**Project Name, Number**

Moonachie Borough  
S340970-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

477

**County**

Bergen

**Existing Population**

2,790

**Service Area**

Borough of Moonachie

**Need for Project**

An Infiltration/Inflow study conducted by the Bergen County Utilities Authority identified Meter Area 146 (Moonachie Avenue Pumping Station) as requiring sewer rehabilitation.

**Project Description**

The proposed project includes the televised inspection and repair of sewers which are the source of extraneous flow.

Anticipated Recipient:	Woodlynne Borough		
Project No.:	S340849-01	Eligible Project Cost:	\$4,264,056
FY16 Rank:	478		
County:	Camden	Total State Amount:	\$4,264,056

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00258
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.00258

**Project Name, Number**

Woodlynne Borough  
S340849-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

478

**County**

Camden

**Existing Population**

2,580

**Service Area**

Woodlynne Borough

**Need for Project**

The existing collection system is deteriorated with cracked pipes and open joints. Consequently the infiltration/inflow (I/I) levels in the sewer system is possibly excessive.

**Project Description**

The proposed project consists of rehabilitation of the sewer system through the replacement of existing cracked pipes with PVC lines.

Anticipated Recipient:	Alpha Borough		
Project No.:	S340324-01	Eligible Project Cost:	\$639,645
FY16 Rank:	479		
County:	Warren	Total State Amount:	\$639,645

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.002482
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.002482

**Project Name, Number**

Alpha Borough  
S340324-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

479

**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
FY16 Rank:	480		
County:	Monmouth	Total State Amount:	\$3,973,856

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment Plant Improvements	500	0		
SS Rehabilitation	450	450		
Sludge Disposal/Treatment	350	0		
WW Reuse	300	0		
Septic Repair	275	0		
New Systems	250	0		
Stormwater/NPS Management	225	0		
Landfill Closure, Land Acq, Well Sealing	150	0		
Landfill Constr, Site Remediation	75	0		
Conduit Projects	50	0		
Barnegat Bay Benefit	300	0		
Green Infrastructure	50	0		
	Subtotal	450		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>450.00235</b>

**Project Name, Number**

Avon By The Sea Borough  
S340335-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

480

**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
FY16 Rank:	481		
County:	Ocean	Total State Amount:	\$2,526,304

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.0023
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.0023

**Project Name, Number**

Lavallette Borough  
S340966-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

481

**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
FY16 Rank:	482		
County:	Ocean	Total State Amount:	\$430,399

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

482

**County**

Ocean

**Existing Population**

2,290

**Service Area**

Borough of Lavallette

**Need for Project**

The investigate the presence of any cross connections and repair same to eliminate contamination of bay waters from leaking or improperly installed sanitary sewage systems.

**Project Description**

Hydraulically clean storm sewer pipes and inspect to locate and determine all cross connections. Once cross connections have been located affect repairs of same to eliminate contamination and install pinch type check valves.

Anticipated Recipient:	Weymouth Township Municipal Utilities Authority		
Project No.:	S340713-02	Eligible Project Cost:	\$570,013
FY16 Rank:	483		
County:	Atlantic	Total State Amount:	\$570,013

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Weymouth Township Municipal Utilities Authority  
S340713-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

483

**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
FY16 Rank:	484		
County:	Sussex	Total State Amount:	\$522,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00213
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.00213

**Project Name, Number**

Sussex Borough  
S340155-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

484

**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
FY16 Rank:	485		
County:	Somerset	Total State Amount:	\$125,409

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00212
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.00212

**Project Name, Number**

Peapack Gladstone Borough  
S340822-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

485

**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 infiltration. The scope of the SSES will be reviewed after these measures are evaluated. The survey should consider inflow problems identified in subsystems 3 4 and 5 which are defined in the original analysis (201 facilities plan).

Anticipated Recipient:	Wyckoff Township		
Project No.:	S340738-03	Eligible Project Cost:	\$14,494,384
FY16 Rank:	486		
County:	Bergen	Total State Amount:	\$14,494,384

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	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**

Wyckoff Township  
S340738-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

486

**County**

Bergen

**Existing Population**

1,900

**Service Area**

Township of Wyckoff

**Need for Project**

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

**Project Description**

Project is currently in the design stage and will involve construction of 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
FY16 Rank:	487		
County:	Monmouth	Total State Amount:	\$570,013

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.001882
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.001882

**Project Name, Number**

Allentown Borough  
S340567-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

487

**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 efficacy and reduce the chance of surcharge or overflow.

**Project Description**

The purpose of the project is to reduce rainfall-induced surcharging of the collection system and sewage treatment plant. The project involves an 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	Eligible Project Cost:	\$1,259,960
Project No.:	S340412-08		
FY16 Rank:	488		
County:	Monmouth	Total State Amount:	\$1,259,960

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Deal Borough  
S340412-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

488

**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.:	S340176-02	Eligible Project Cost:	\$102,348
FY16 Rank:	489		
County:	Ocean	Total State Amount:	\$102,348

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

489

**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:	Island Heights Borough		
Project No.:	S340176-01	Eligible Project Cost:	\$392,454
FY16 Rank:	489		
County:	Ocean	Total State Amount:	\$392,454

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.001751
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.001751

**Project Name, Number**

Island Heights Borough  
S340176-01  
Pump Stations

**Priority List Rank**

489

**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:	Bay Head Borough		
Project No.:	S340590-02	Eligible Project Cost:	\$2,230,279
FY16 Rank:	491		
County:	Ocean	Total State Amount:	\$2,230,279

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

491

**County**

Ocean

**Existing Population**

1,340

**Service Area**

Bay Head Borough

**Need for Project**

The Borough of Bay Head has an old sewerage collection system consisting of clay pipes and lead joints. Cracked pipes and weak joints lead to excessive infiltration/inflow to the existing sanitary sewers. During wet weather the infiltration/inflow to the system peaks at 0.8 mgd. It is cost effective to perform 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 infiltration/inflow 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.:	S340311-03	Eligible Project Cost:	\$3,760,000
FY16 Rank:	492		
County:	Ocean	Total State Amount:	\$3,760,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.001156
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.001156

**Project Name, Number**

Ship Bottom Borough  
S340311-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

492

**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
FY16 Rank:	493		
County:	Hunterdon	Total State Amount:	\$207,090

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.001065
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.001065

**Project Name, Number**

Lebanon Borough Sewer Authority  
S340509-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

493

**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
FY16 Rank:	494		
County:	Warren	Total State Amount:	\$147,540

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

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

**III. WATER USE/WATER QUALITY POINTS**

A. Water Use

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

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

494

**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
FY16 Rank:	495		
County:	Monmouth	Total State Amount:	\$1,522,661

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	450	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		250	0	
Stormwater/NPS Management		225	0	
Landfill Closure, Land Acq, Well Sealing		150	0	
Landfill Constr, Site Remediation		75	0	
Conduit Projects		50	0	
Barnegat Bay Benefit		300	0	
Green Infrastructure		50	0	
		Subtotal	450	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00085
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		450.00085

**Project Name, Number**

Roosevelt Borough  
S340761-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

495

**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:	Passaic Valley Sewerage Commission		
Project No.:	S340683-05	Eligible Project Cost:	\$132,505,940
FY16 Rank:	496		
County:	Essex	Total State Amount:	\$132,505,940

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		1.35
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		401.35

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340683-05  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

496

**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:	Passaic Valley Sewerage Commission		
Project No.:	S340689-27	Eligible Project Cost:	\$14,713,119
FY16 Rank:	496		
County:	Essex	Total State Amount:	\$14,713,119

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
		<b>TOTAL POINTS</b>		<b>401.35</b>

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-27  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

496

**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
FY16 Rank:	496		
County:	Essex	Total State Amount:	\$63,223,700

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. 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**

Passaic Valley Sewerage Commission  
S340689-06  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

496

**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:	Gloucester County Utilities Authority		
Project No.:	S340902-17	Eligible Project Cost:	\$9,784,160
FY16 Rank:	499		
County:	Gloucester	Total State Amount:	\$9,784,160

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.288288
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		400.288288

**Project Name, Number**

Gloucester County Utilities Authority  
S340902-17  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

499

**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
FY16 Rank:	500		
County:	Camden	Total State Amount:	\$667,397

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.087
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		400.087

**Project Name, Number**

Camden City  
S340366-02  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

500

**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
FY16 Rank:	501		
County:	Monmouth	Total State Amount:	\$746,386

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.016116
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		400.016116

**Project Name, Number**

Asbury Park City  
S340883-01  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

501

**County**

Monmouth

**Existing Population**

16,116

**Service Area**

Asbury Park City

**Need for Project**

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

**Project Description**

This project consists of land application of sludge.

Anticipated Recipient:	Newark City		
Project No.:	S340815-18	Eligible Project Cost:	\$1,645,877
FY16 Rank:	502		
County:	Essex	Total State Amount:	\$1,645,877

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	100	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

Newark City  
S340815-18  
Stormwater Management

**Priority List Rank**

502

**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 Sewer Authority		
Project No.:	S340820-03	Eligible Project Cost:	\$3,766,422
FY16 Rank:	503		
County:	Monmouth	Total State Amount:	\$3,766,422

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.030719
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		375.030719

**Project Name, Number**

Long Branch Sewer Authority  
S340820-03  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

503

**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
FY16 Rank:	504		
County:	Gloucester	Total State Amount:	\$13,982,306

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.2
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		365.2

**Project Name, Number**

Gloucester County Utilities Authority  
S340902-13  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

504

**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 SO<sub>2</sub>) and the removal of mercury dioxins and furans.

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-06-2/09-2/11-2	Eligible Project Cost:	\$2,160,000
FY16 Rank:	505		
County:	Camden	Total State Amount:	\$2,160,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. 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	0.5
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	350.5

**Project Name, Number**

Camden County Municipal Utilities Authority  
S340640-06-2/09-2/11-2  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

505

**County**

Camden

**Existing Population**

500,000

**Service Area**

All of Camden County

**Need for Project**

Reduction of biosolids, reduction of odors

**Project Description**

Construction of a new sludge drying facility for the wastewater treatment plant; this is a supplemental loan application

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340687-05	Eligible Project Cost:	\$37,834,533
FY16 Rank:	506		
County:	Bergen	Total State Amount:	\$37,834,533

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.49114
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		350.49114

**Project Name, Number**

Bergen County Utilities Authority  
S340687-05  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

506

**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 Pennsylvania to be landfilled. This interim sludge disposal alternative was implemented by the BCUA in order to enable the Authority to cease the ocean dumping of sewage sludge as mandated by federal and state legislation. However this practice is costly and its future availability is uncertain.

**Project Description**

The BCUA has modified its Sludge Management Plan to include beneficial reuse of the sludge. The modified plan calls for the chemical stabilization of the sludge and use of the product as final cover of the landfills in the Meadowlands area. As required by the Judicial Consent Decree the BCUA is required to pursue its original plan of incineration until such time as the beneficial use plan is approved.

Anticipated Recipient:	Joint Meeting of Essex & Union Counties		
Project No.:	S340686-03	Eligible Project Cost:	\$19,257,315
FY16 Rank:	507		
County:	Union	Total State Amount:	\$19,257,315

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. 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**

Joint Meeting of Essex & Union Counties  
S340686-03  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

507

**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
FY16 Rank:	508		
County:	Burlington	Total State Amount:	\$7,846,596

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.38246
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		350.38246

**Project Name, Number**

Burlington County  
S340818-04  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

508

**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
FY16 Rank:	509		
County:	Atlantic	Total State Amount:	\$2,049,114

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.25
		BDA Points		0
		Transit Villages		0
		<b>TOTAL POINTS</b>		<b>350.25</b>

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-28  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

509

**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
FY16 Rank:	510		
County:	Hudson	Total State Amount:	\$20,024,455

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Hudson County Improvement Authority  
S340399-15  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

510

**County**

Hudson

**Existing Population**

221,350

**Service Area**

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

**Need for Project**

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

**Project Description**

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

Anticipated Recipient:	Hudson County Improvement Authority		
Project No.:	S340900-01	Eligible Project Cost:	\$26,962,839
FY16 Rank:	511		
County:	Hudson	Total State Amount:	\$26,962,839

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment 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**

Hudson County Improvement Authority  
S340900-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

511

**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
FY16 Rank:	512		
County:	Atlantic	Total State Amount:	\$19,607,239

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.163667
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		350.163667

**Project Name, Number**

Atlantic County Utilities Authority  
S340405-04  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

512

**County**

Atlantic

**Existing Population**

163,667

**Service Area**

Several Municipalities in Atlantic County and Mercer County

**Need for Project**

The Authority has several goals for this project. First to diversify the Authority's method (by providing a back-up for the existing sludge incinerators) and increase capacity for the disposal of municipal wastewater sludge. The second goal relates to the Interdistrict Agreement by which the ACUA is required to accept up to 19000 tons per year of compostable material from Mercer County. Finally to meet the Authority's recycling goals large source separated generations of food waste within the county will be directed to the proposed facility.

**Project Description**

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

Anticipated Recipient:	Somerset Raritan Valley Sewer Authority		
Project No.:	S340801-08	Eligible Project Cost:	\$12,997,791
FY16 Rank:	513		
County:	Somerset	Total State Amount:	\$12,997,791

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.117
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		350.117

**Project Name, Number**

Somerset Raritan Valley Sewer Authority  
S340801-08  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

513

**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 M) 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 M) 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 SRVSA's existing NJPDES DSW permit will be necessary.

Anticipated Recipient:	Cape May County Municipal Utilities Authority		
Project No.:	S340661-06	Eligible Project Cost:	\$12,302,395
FY16 Rank:	514		
County:	Cape May	Total State Amount:	\$12,302,395

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.097265
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		350.097265

**Project Name, Number**

Cape May County Municipal Utilities Authority  
S340661-06  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

514

**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
FY16 Rank:	514		
County:	Cape May	Total State Amount:	\$384,168

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. 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**

Cape May County Municipal Utilities Authority  
S340661-09  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

514

**County**

Cape May

**Existing Population**

97,265

**Service Area**

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

**Need for Project**

Since 1984 the odors from the Cape May wastewater Treatment Facility's Influent Building and sludge Thickener Complex 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
FY16 Rank:	516		
County:	Monmouth	Total State Amount:	\$13,000,360

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>350.034727</b>

**Project Name, Number**

Neptune Township Sewerage Authority  
S340410-09  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

516

**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
FY16 Rank:	517		
County:	Burlington	Total State Amount:	\$5,203,507

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Mount Holly Municipal Utilities Authority  
S340819-02  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

517

**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	Eligible Project Cost:	\$4,076,260
Project No.:	S340805-02	Total State Amount:	\$4,076,260
FY16 Rank:	518		
County:	Hunterdon		

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.0061
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		350.0061

**Project Name, Number**

Milford Borough  
S340805-02  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

518

**County**

Hunterdon

**Existing Population**

6,100

**Service Area**

Milford Borough Holland Township

**Need for Project**

There is serious I<sub>1</sub> 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 I<sub>1</sub> and cost effectiveness analysis will be performed to determine the extent of excessive I<sub>1</sub> in the system.

Anticipated Recipient:	North Wildwood City		
Project No.:	S340663-08	Eligible Project Cost:	\$21,716,520
FY16 Rank:	519		
County:	Cape May	Total State Amount:	\$21,716,520

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	100	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

North Wildwood City  
S340663-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

519

**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:	Jersey City Redevelopment Agency		
Project No.:	S340119-01	Eligible Project Cost:	\$3,000,793
FY16 Rank:	520		
County:	Hudson	Total State Amount:	\$3,000,793

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.240055
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		325.240055

**Project Name, Number**

Jersey City Redevelopment Agency  
S340119-01  
Stormwater Management - Green Infrastructure

**Priority List Rank**

520

**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
FY16 Rank:	521		
County:	Passaic	Total State Amount:	\$289,789

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>325.02585</b>

**Project Name, Number**

West Milford Township  
S340701-10  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

521

**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 septic) 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 that's 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 septic.

Anticipated Recipient:	Alloway Township		
Project No.:	S340965-01	Eligible Project Cost:	\$9,963,124
FY16 Rank:	522		
County:	Salem	Total State Amount:	\$9,963,124

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.0031
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		325.0031

**Project Name, Number**

Alloway Township  
S340965-01  
Sanitary Sewer System - New

**Priority List Rank**

522

**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
FY16 Rank:	523		
County:	Ocean	Total State Amount:	\$7,975,913

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.0019
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		325.0019

**Project Name, Number**

Stafford Township  
S340946-02  
Sanitary Sewer System - New

**Priority List Rank**

523

**County**

Ocean

**Existing Population**

1,900

**Service Area**

Ocean Acres Area of Stafford Township

**Need for Project**

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

**Project Description**

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

Anticipated Recipient:	Bridgewater Township		
Project No.:	S340638-03	Eligible Project Cost:	\$2,273,143
FY16 Rank:	524		
County:	Somerset	Total State Amount:	\$2,273,143

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.00133
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		325.00133

**Project Name, Number**

Bridgewater Township  
S340638-03  
Sanitary Sewer System - New

**Priority List Rank**

524

**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
FY16 Rank:	525		
County:	Cape May	Total State Amount:	\$55,180

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.000453
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		325.000453

**Project Name, Number**

West Wildwood Borough  
S340626-04  
Sanitary Sewer System - New

**Priority List Rank**

525

**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
FY16 Rank:	526		
County:	Somerset	Total State Amount:	\$551,932

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.0001
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		325.0001

**Project Name, Number**

Raritan Borough  
S340781-03  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

526

**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
FY16 Rank:	527		
County:	Ocean	Total State Amount:	\$16,789,494

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		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**

527

**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
FY16 Rank:	528		
County:	Atlantic	Total State Amount:	\$4,983,647

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
			<b>TOTAL POINTS</b>	<b>310.014791</b>

**Project Name, Number**

Hammonton Town  
S340927-03  
Sanitary Sewer System - New

**Priority List Rank**

528

**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
FY16 Rank:	529		
County:	Middlesex	Total State Amount:	\$22,117,020

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

529

**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 Project 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
FY16 Rank:	530		
County:	Atlantic	Total State Amount:	\$4,679,566

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Atlantic County Utilities Authority  
S340809-14  
Wastewater Reuse

**Priority List Rank**

530

**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
FY16 Rank:	531		
County:	Atlantic	Total State Amount:	\$7,602,671

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

531

**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
FY16 Rank:	532		
County:	Cape May	Total State Amount:	\$2,305,676

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

532

**County**

Cape May

**Existing Population**

97,265

**Service Area**

Wildwood Lower Region and Seven Mile Middle Region

**Need for Project**

The purpose of the project is to highly treat effluent from the Authority's Seven Mile Beach Middle Region WTF and provide it for beneficial reuse.

**Project Description**

The proposed project includes plant improvements to allow for reuse of 300,000 gpd of effluent from the Seven Mile Beach Middle Region WTF.

Anticipated Recipient:	Old Bridge Municipal Utilities Authority		
Project No.:	S340945-04	Eligible Project Cost:	\$33,032,119
FY16 Rank:	533		
County:	Middlesex	Total State Amount:	\$33,032,119

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.060456
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.060456

**Project Name, Number**

Old Bridge Municipal Utilities Authority  
S340945-04  
Sanitary Sewer System - New

**Priority List Rank**

533

**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
FY16 Rank:	534		
County:	Passaic	Total State Amount:	\$1,861,346

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

534

**County**

Passaic

**Existing Population**

45,550

**Service Area**

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

**Need for Project**

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

**Project Description**

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

Anticipated Recipient:	New Brunswick City		
Project No.:	S340437-03	Eligible Project Cost:	\$950,799
FY16 Rank:	535		
County:	Middlesex	Total State Amount:	\$950,799

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.04171
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.04171

**Project Name, Number**

New Brunswick City  
S340437-03  
Sanitary Sewer System - New

**Priority List Rank**

535

**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
FY16 Rank:	536		
County:	Atlantic	Total State Amount:	\$5,700,971

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>300.031209</b>

**Project Name, Number**

Galloway Township  
S340892-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

536

**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
FY16 Rank:	537		
County:	Camden	Total State Amount:	\$2,722,374

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

537

**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
FY16 Rank:	538		
County:	Camden	Total State Amount:	\$5,630,570

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.028126
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.028126

**Project Name, Number**

Voorhees Township  
S340875-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

538

**County**

Camden

**Existing Population**

28,126

**Service Area**

Voorhees Township

**Need for Project**

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

**Project Description**

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

Anticipated Recipient:	Freehold Township		
Project No.:	S340304-01	Eligible Project Cost:	\$4,886,714
FY16 Rank:	539		
County:	Monmouth	Total State Amount:	\$4,886,714

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment 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**

Freehold Township  
S340304-01  
Sanitary Sewer System - New

**Priority List Rank**

539

**County**

Monmouth

**Existing Population**

24,710

**Service Area**

Unsewered areas within the Township of Freehold

**Need for Project**

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

**Project Description**

The proposed project consists of construction of approximately 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
FY16 Rank:	540		
County:	Gloucester	Total State Amount:	\$2,911,180

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>300.02314</b>

**Project Name, Number**

Gloucester County Utilities Authority  
S340526-03  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

540

**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
FY16 Rank:	541		
County:	Hunterdon	Total State Amount:	\$8,583,061

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.0225
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.0225

**Project Name, Number**

Raritan Township Municipal Utilities Authority  
S340485-04  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

541

**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
FY16 Rank:	542		
County:	Middlesex	Total State Amount:	\$1,254,485

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.02236
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.02236

**Project Name, Number**

South Brunswick Township  
S340897-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

542

**County**

Middlesex

**Existing Population**

22,360

**Service Area**

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

**Need for Project**

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

**Project Description**

The proposed project is for the construction of approximately 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.

Anticipated Recipient:	Rockaway Township		
Project No.:	S340478-05	Eligible Project Cost:	\$17,510,632
FY16 Rank:	543		
County:	Morris	Total State Amount:	\$17,510,632

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment 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**

Rockaway Township  
S340478-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

543

**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
FY16 Rank:	544		
County:	Burlington	Total State Amount:	\$496,861

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Maple Shade Township  
S340710-03  
Wastewater Reuse

**Priority List Rank**

544

**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
FY16 Rank:	545		
County:	Morris	Total State Amount:	\$16,484,390

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.0162
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.0162

**Project Name, Number**

Montville Township  
S340931-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

545

**County**

Morris

**Existing Population**

16,200

**Service Area**

Montville Township

**Need for Project**

An expansion of the collection system is needed to replace inadequate on-site systems which are malfunctioning and pose a potential health hazard to local residents by adversely impacting well waters.

**Project Description**

The proposed project involves the construction of lateral sewers and a pumping station to relieve malfunctioning septic systems. This project will provide a collection system for the remaining areas of the Township. These areas include areas 7 8 9 14 and 15-5 as identified in the amendment to the 1981 facilities plan (dated June 1 1990). Wastewater will be conveyed to the Parsippany-Troy Hills STP for treatment.

Anticipated Recipient:	Manchester Township		
Project No.:	S340650-03	Eligible Project Cost:	\$8,972,628
FY16 Rank:	546		
County:	Ocean	Total State Amount:	\$8,972,628

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

546

**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
FY16 Rank:	547		
County:	Bergen	Total State Amount:	\$708,917

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.015392
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.015392

**Project Name, Number**

North Arlington Borough  
S340959-02  
Sanitary Sewer System - New

**Priority List Rank**

547

**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
FY16 Rank:	548		
County:	Somerset	Total State Amount:	\$542,184

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

548

**County**

Somerset

**Existing Population**

15,300

**Service Area**

Bernards Township

**Need for Project**

Some of the septic systems of the Township are malfunctioning and thus causing potential environmental or health hazard situations and creating a public nuisance.

**Project Description**

This project involves construction of a new sewerage system to serve twenty-two (22) homes in the Rocky Lane Columbia Road area of Basking Ridge. The system will consist of all gravity sewers with the exception of two properties which will require pumping to a pressure sewer. The wastewater will be conveyed to the 1.2 MGD capacity treatment plant.

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340461-04	Eligible Project Cost:	\$7,211,095
FY16 Rank:	549		
County:	Gloucester	Total State Amount:	\$7,211,095

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

Possible Points  
Points Scored

CSO/SSO	600	0
Treatment 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**

549

**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
FY16 Rank:	550		
County:	Bergen	Total State Amount:	\$40,854,622

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Oakland Borough  
S340418-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

550

**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
FY16 Rank:	551		
County:	Sussex	Total State Amount:	\$6,677,126

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>300.01108</b>

**Project Name, Number**

Vernon Township  
S340745-02  
Sanitary Sewer System - New

**Priority List Rank**

551

**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 and/or installation deficiencies. This situation poses public health as well as nuisance problems to the Township. The needs of Vernon Township as identified under the Sussex County Step I Study (C340503-01) are to be resolved on a local level through this project.

**Project Description**

This project would implement the wastewater management recommendations of the Sussex County-Pochuck Facilities Plan on a local level. Collection low pressure and/or cluster systems may be involved in this project. On-site rehabilitation in conjunction with the establishment of a septic management district(s) may also be a viable alternative. The construction of this project should satisfy the wastewater needs of Vernon Township as well as maintaining water quality and safeguarding the public health.

Anticipated Recipient:	Wanaque Borough		
Project No.:	S340434-02	Eligible Project Cost:	\$306,771
FY16 Rank:	552		
County:	Passaic	Total State Amount:	\$306,771

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.01058
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.01058

**Project Name, Number**

Wanaque Borough  
S340434-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

552

**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
FY16 Rank:	553		
County:	Bergen	Total State Amount:	\$9,194,418

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>300.01048</b>

**Project Name, Number**

Mahwah Township  
S340592-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

553

**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
FY16 Rank:	554		
County:	Sussex	Total State Amount:	\$572,805

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

554

**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 Walkkill 201 Facilities Plan (No. C340573-01).

Anticipated Recipient:	Chatham Township		
Project No.:	S340403-05	Eligible Project Cost:	\$708,917
FY16 Rank:	555		
County:	Morris	Total State Amount:	\$708,917

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>300.009361</b>

**Project Name, Number**

Chatham Township  
S340403-05  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

555

**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
FY16 Rank:	556		
County:	Passaic	Total State Amount:	\$3,790,064

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00806
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.00806

**Project Name, Number**

Bloomington Borough  
S340634-03  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

556

**County**

Passaic

**Existing Population**

8,060

**Service Area**

Bloomington

**Need for Project**

Some of the septic systems in the township are malfunctioning and causing potential environmental or health hazard situations and creating a public nuisance.

**Project Description**

This project involves construction of new sewerage system facilities including interceptors pump stations force mains and collection systems and/or other alternatives for wastewater disposal problems in the areas of Morse Lake Union Avenue Hillside Drive and Vreeland Avenue. The wastewater would be conveyed to the Butler Bloomington 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
FY16 Rank:	557		
County:	Bergen	Total State Amount:	\$1,384,609

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Upper Saddle River Borough  
S340909-01  
Sanitary Sewer System - New

**Priority List Rank**

557

**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
FY16 Rank:	558		
County:	Morris	Total State Amount:	\$14,495,600

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00766
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.00766

**Project Name, Number**

Long Hill Township  
S340404-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

558

**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
FY16 Rank:	559		
County:	Ocean	Total State Amount:	\$13,791,502

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Manchester Township  
S340650-05  
Pump Stations

**Priority List Rank**

559

**County**

Ocean

**Existing Population**

6,460

**Service Area**

Pine Lake Park area of Manchester Township

**Need for Project**

The tremendous rate of growth in the area coupled with an increasing number of septic tanks has placed a severe strain on the very permeable sandy soils to adequately treat the domestic wastewater. Because of a generally high groundwater table and the high percentage of septic system failures pollution of the groundwater and surface water is suspected. Also the current septic tank problems pose a potential threat to the health of local residents. Therefore a proper sewage disposal system is necessary.

**Project Description**

The project is for the construction of three pump stations and approximately 35 miles of force mains and gravity sewers with diameters ranging from 8 inches to 24 inches. The wastewater will be conveyed to the existing 42-inch diameter Union Branch Interceptor owned and operated by the Ocean County Utilities Authority (OCUA). The wastewater will be treated at the OCUA's Central Plant located in Bayville for secondary treatment with effluent disposal to the Atlantic Ocean.

Anticipated Recipient:	Fairfield Township		
Project No.:	S340957-01	Eligible Project Cost:	\$7,336,023
FY16 Rank:	560		
County:	Cumberland	Total State Amount:	\$7,336,023

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.006283
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.006283

**Project Name, Number**

Fairfield Township  
S340957-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

560

**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
FY16 Rank:	561		
County:	Bergen	Total State Amount:	\$5,342,181

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment 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**

561

**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 discharge 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
FY16 Rank:	562		
County:	Bergen	Total State Amount:	\$230,325

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>300.006</b>

**Project Name, Number**

Mahwah Township  
S340737-01  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

562

**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
FY16 Rank:	563		
County:	Sussex	Total State Amount:	\$7,234,628

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment 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		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>300.00596</b>

**Project Name, Number**

Sussex County Municipal Utilities Authority  
S340759-02  
Sanitary Sewer System - New

**Priority List Rank**

563

**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 groundwater standards with subsurface disposal of the treated effluent.

Anticipated Recipient:	Wharton Borough		
Project No.:	S340489-03	Eligible Project Cost:	\$599,302
FY16 Rank:	564		
County:	Morris	Total State Amount:	\$599,302

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Wharton Borough  
S340489-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

564

**County**

Morris

**Existing Population**

5,570

**Service Area**

Borough of Wharton

**Need for Project**

The construction of sewers may be necessary for a small portion of the Township which is presently served by septic systems. Some of these septic systems have been malfunctioning creating a public nuisance.

**Project Description**

This project involves the construction of a collection and interceptor system in a small portion of the Borough which would convey the waste- water to the Rockaway Valley Regional Sewerage Authority treatment plant. The facilities planning work is yet to be initiated.

Anticipated Recipient:	Berlin Township		
Project No.:	S340790-02	Eligible Project Cost:	\$847,274
FY16 Rank:	565		
County:	Camden	Total State Amount:	\$847,274

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00555
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.00555

**Project Name, Number**

Berlin Township  
S340790-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

565

**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
FY16 Rank:	566		
County:	Sussex	Total State Amount:	\$2,727,380

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00511
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.00511

**Project Name, Number**

Frankford Township  
S340742-02  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

566

**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
FY16 Rank:	567		
County:	Warren	Total State Amount:	\$1,512,694

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00489
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.00489

**Project Name, Number**

Blairstown Township  
S340568-02  
Sanitary Sewer System - New

**Priority List Rank**

567

**County**

Warren

**Existing Population**

4,890

**Service Area**

Blairstown

**Need for Project**

Presently Blairstown Township has failing on-site wastewater disposal systems. There are documented failures in parts of the Township that may eventually pose health problems in the future. There are no public wastewater collection and treatment facilities in the study area but there are currently two privately owned and operated wastewater treatment plants Blair Academy and N. Warren Regional High School

**Project Description**

This project (C340568-02) includes the construction of a collection system for the Village of Blairstown area. The sewage will be conveyed to and treated at the proposed regional STP.

Anticipated Recipient:	Riverdale Borough		
Project No.:	S340473-01	Eligible Project Cost:	\$4,345,404
FY16 Rank:	568		
County:	Morris	Total State Amount:	\$4,345,404

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00241
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.00241

**Project Name, Number**

Riverdale Borough  
S340473-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

568

**County**

Morris

**Existing Population**

2,410

**Service Area**

The

**Need for Project**

The area is served entirely by individual septic systems discharging to the groundwater table. Failures appear to be contributing to surface and subsurface pollution of the ground and groundwater posing a potential health problem and public nuisance.

**Project Description**

The project consists of construction of an interceptor sewer to provide a complete collection system for the major part of the Borough. This will significantly reduce the potential for water pollution from malfunctioning septic systems and reduce the public health hazard. The project report work has not yet been initiated.

Anticipated Recipient:	Riverdale Borough		
Project No.:	S340729-01	Eligible Project Cost:	\$1,744,301
FY16 Rank:	568		
County:	Morris	Total State Amount:	\$1,744,301

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

568

**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
FY16 Rank:	570		
County:	Bergen	Total State Amount:	\$5,532,128

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment 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		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>300.00235</b>

**Project Name, Number**

Mahwah Township  
S340592-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

570

**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
FY16 Rank:	571		
County:	Hudson	Total State Amount:	\$3,997,392

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment 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**

571

**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 mg/l mg/l Woodcliff (Secondary) (NJ0029084) 2.65 2.67 89 16 89 8

**Project Description**

Expansion of the existing Woodcliff Wastewater Treatment Plant to accommodate additional flows from the River Road service area in the Township of North Bergen.

Anticipated Recipient:	Oxford Township		
Project No.:	S340445-02	Eligible Project Cost:	\$183,343
FY16 Rank:	572		
County:	Warren	Total State Amount:	\$183,343

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.002307
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.002307

**Project Name, Number**

Oxford Township  
S340445-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

572

**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
FY16 Rank:	573		
County:	Burlington	Total State Amount:	\$3,665,234

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

573

**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
FY16 Rank:	574		
County:	Morris	Total State Amount:	\$9,964,412

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.0017
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.0017

**Project Name, Number**

Kinnelon Borough  
S340487-02  
Sanitary Sewer System - New

**Priority List Rank**

574

**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.

Anticipated Recipient:	Hope Township		
Project No.:	S340872-01	Eligible Project Cost:	\$508,696
FY16 Rank:	575		
County:	Warren	Total State Amount:	\$508,696

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

575

**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
FY16 Rank:	576		
County:	Morris	Total State Amount:	\$9,333,821

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00134
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.00134

**Project Name, Number**

Pequannock Township  
S340480-06  
Sanitary Sewer System - New

**Priority List Rank**

576

**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
FY16 Rank:	577		
County:	Gloucester	Total State Amount:	\$3,335,192

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

577

**County**

Gloucester

**Existing Population**

1,310

**Service Area**

Washington Township

**Need for Project**

Failure of on-site sewage disposal systems within the Gardendale and Grenloch areas of Washington Township have created a public nuisance. Project is necessary to eliminate failing septic systems and to construct a sanitary sewer collection system to service several of the older developments within Washington Township.

**Project Description**

Construction of extensions to the existing sanitary sewer collection system. The extension to the Grenloch area collection system will consist of approximately 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
FY16 Rank:	578		
County:	Ocean	Total State Amount:	\$3,340,073

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

578

**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 of local residents. Therefore a proper sewage disposal system is necessary.

**Project Description**

The project is for the construction of two pump stations and approximately 8 miles of force mains and gravity sewers with diameters ranging from 6 inches to 12 inches. The wastewater will be conveyed to the existing 42-inch diameter Union Branch Interceptor owned and operated by the Ocean County Utilities Authority (OCUA). The wastewater will be treated at the OCUA's Central Plant located in Bayville for secondary treatment with effluent disposal to the Atlantic Ocean.

Anticipated Recipient:	Upper Township		
Project No.:	S340619-03	Eligible Project Cost:	\$2,326,681
FY16 Rank:	579		
County:	Cape May	Total State Amount:	\$2,326,681

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

579

**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
FY16 Rank:	580		
County:	Morris	Total State Amount:	\$6,403,679

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

580

**County**

Morris

**Existing Population**

860

**Service Area**

Pequannock Township

**Need for Project**

The project is needed to improve existing wastewater treatment practices through the elimination of on-site disposal systems in a residential/commercial area and replacing them with a sanitary sewer system as well as for future growth. The soils in this service area are classified by the Soil Conservation Service as severely limiting for on-site disposal. The average housing stock in this area is in excess of 35 years and health surveys have indicated an incidence of septic system malfunctions and shallow aquifer contamination.

**Project Description**

This Phase III project will be an extension of the Phase I sanitary sewer system and will include the residential area between Greenwood Avenue and Pequannock Avenue and the commercial properties along the southern portion of Route 23. The proposed sewer system will provide the transmission facilities to convey the wastewater to the Pequannock Lincoln Park and Fairfield Park Sewerage Authority (TBSA) facilities for ultimate treatment.

Anticipated Recipient:	Branchville Borough		
Project No.:	S340740-02	Eligible Project Cost:	\$2,584,971
FY16 Rank:	581		
County:	Sussex	Total State Amount:	\$2,584,971

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00085
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.00085

**Project Name, Number**

Branchville Borough  
S340740-02  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

581

**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
FY16 Rank:	582		
County:	Burlington	Total State Amount:	\$2,459,208

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>300.00081</b>

**Project Name, Number**

Southampton Township  
S340961-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

582

**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
FY16 Rank:	583		
County:	Burlington	Total State Amount:	\$2,702,506

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Shamong Township  
S340831-01  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

583

**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
FY16 Rank:	584		
County:	Somerset	Total State Amount:	\$3,340,073

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Millstone Borough  
S340271-01  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

584

**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
FY16 Rank:	585		
County:	Middlesex	Total State Amount:	\$2,089,419

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment 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		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>300.00045</b>

**Project Name, Number**

Plainsboro Township  
S340836-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

585

**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
FY16 Rank:	586		
County:	Gloucester	Total State Amount:	\$1,162,637

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	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>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

586

**County**

Gloucester

**Existing Population**

410

**Service Area**

Silver Lake Area of Clayton

**Need for Project**

There are 105 homes within the proposed service area (Silver Lake) which have experienced problems and/or failures with their individual disposal systems. This situation has created a public nuisance.

**Project Description**

The proposed project is for the construction of collector sewers for the Silver Lake service area to the existing 8 gravity system on Bernard Street. The wastewater will be conveyed via an existing Gloucester County Utilities Authority interceptor to the regional plant in Paulsboro for treatment.

Anticipated Recipient:	Pennsville Sewerage Authority		
Project No.:	S340870-01	Eligible Project Cost:	\$2,157,878
FY16 Rank:	587		
County:	Salem	Total State Amount:	\$2,157,878

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

Possible Points  
Points Scored

CSO/SSO	600	0
Treatment 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**

Pennsville Sewerage Authority  
S340870-01  
Sanitary Sewer System - New

**Priority List Rank**

587

**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
FY16 Rank:	588		
County:	Atlantic	Total State Amount:	\$721,415

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00035
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.00035

**Project Name, Number**

Buena Borough Municipal Utilities Authority  
S340833-01  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

588

**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:	Cumberland County		
Project No.:	S340438-01	Eligible Project Cost:	\$7,846,596
FY16 Rank:	589		
County:	Cumberland	Total State Amount:	\$7,846,596

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	10
			Population	0.001631
			BDA Points	0
			Transit Villages	0
			<b>TOTAL POINTS</b>	<b>260.001631</b>

**Project Name, Number**

Cumberland County  
S340438-01  
Sanitary Sewer System - New

**Priority List Rank**

589

**County**

Cumberland

**Existing Population**

1,631

**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:	Pequannock Township		
Project No.:	S340480-03	Eligible Project Cost:	\$1,645,877
FY16 Rank:	589		
County:	Morris	Total State Amount:	\$1,645,877

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00018
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.00018

**Project Name, Number**

Pequannock Township  
S340480-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

589

**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 Newark's twin water supply aqueducts. The proposed sewer system will provide the transmission facilities to convey the wastewater to the Pequannock Lincoln Park and Fairfield Park Sewerage Authority (TBSA) facilities for treatment.

Anticipated Recipient:	Lincoln Park Borough		
Project No.:	S340594-02	Eligible Project Cost:	\$4,245,681
FY16 Rank:	590		
County:	Morris	Total State Amount:	\$4,245,681

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

590

**County**

Morris

**Existing Population**

140

**Service Area**

Borough of Lincoln Park (portion)

**Need for Project**

There are approximately 67 homes within the proposed service area (Jacksonville Road) which have experienced problems and/or failures with their individual disposal systems. This has created a public nuisance.

**Project Description**

This project is for the construction of a pump station force main interceptor and collector sewers for this service area. These facilities will convey the Borough's wastewater to an existing interceptor of the Pequannock Fairfield and Lincoln Park Sewerage Authority (TBSA) for ultimate disposal at the existing TBSA's treatment plant. This project is presently in the facilities planning stage.

Anticipated Recipient:	Woodbridge Township		
Project No.:	S340433-08	Eligible Project Cost:	\$36,885
FY16 Rank:	591		
County:	Middlesex	Total State Amount:	\$36,885

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	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	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		2.0E-5
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		300.00002

**Project Name, Number**

Woodbridge Township  
S340433-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

591

**County**

Middlesex

**Existing Population**

20

**Service Area**

A portion of the Township of Woodbridge

**Need for Project**

Septic systems on Florida Grove Road have been experiencing problems and/or failures and causing a public nuisance.

**Project Description**

The proposed project is for the construction of a sewer system to serve homes on Florida Grove Road.

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-17	Eligible Project Cost:	\$3,054,560
FY16 Rank:	592		
County:	Essex	Total State Amount:	\$3,054,560

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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
		<b>TOTAL POINTS</b>		<b>276.35</b>

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-17  
Equipment Purchase (Clean Water)

**Priority List Rank**

592

**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 vessel will help monitor water quality trends including water quality improvements due to CSO improvements.

**Project Description**

The proposed project includes purchases of a skimmer vessel a sample vessel and a street sweeper.

Anticipated Recipient:	Camden City		
Project No.:	S340366-11	Eligible Project Cost:	\$2,049,114
FY16 Rank:	593		
County:	Camden	Total State Amount:	\$2,049,114

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

Camden City  
S340366-11  
Stormwater Management

**Priority List Rank**

593

**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
FY16 Rank:	594		
County:	Hudson	Total State Amount:	\$73,770

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.050005
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		275.050005

**Project Name, Number**

Hoboken City  
S340635-03  
Stormwater Management

**Priority List Rank**

594

**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
FY16 Rank:	595		
County:	Ocean	Total State Amount:	\$395,962

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS 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

**Priority List Rank**

595

**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 nonstructural practices stormwater will be collected and directed into an underground stormwater recharge system.

Anticipated Recipient:	Atlantic City	Eligible Project Cost:	\$18,830,939
Project No.:	S340439-01		
FY16 Rank:	596		
County:	Atlantic	Total State Amount:	\$18,830,939

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.039558
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		275.039558

**Project Name, Number**

Atlantic City  
S340439-01  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

596

**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 City's 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:	Atlantic City		
Project No.:	S340439-03	Eligible Project Cost:	\$2,488,662
FY16 Rank:	596		
County:	Atlantic	Total State Amount:	\$2,488,662

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.039558
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		275.039558

**Project Name, Number**

Atlantic City  
S340439-03  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

596

**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
FY16 Rank:	596		
County:	Atlantic	Total State Amount:	\$8,859,157

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.039558
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		275.039558

**Project Name, Number**

Atlantic City  
S340439-02  
Stormwater Management

**Priority List Rank**

596

**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:	Manchester Township		
Project No.:	S340650-07	Eligible Project Cost:	\$500,308
FY16 Rank:	599		
County:	Ocean	Total State Amount:	\$500,308

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.038928
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		275.038928

**Project Name, Number**

Manchester Township  
S340650-07  
Stormwater Management - Green Infrastructure

**Priority List Rank**

599

**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
FY16 Rank:	600		
County:	Somerset	Total State Amount:	\$1,928,489

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

600

**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
FY16 Rank:	601		
County:	Hudson	Total State Amount:	\$2,250,375

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

Secaucus Town  
S340029-03  
Stormwater Management

**Priority List Rank**

601

**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
FY16 Rank:	601		
County:	Hudson	Total State Amount:	\$2,359,234

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored		
		0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored		
CSO/SSO		600	0		
Treatment Plant Improvements		500	0		
SS 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		
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored		
<u>A. Water Use</u>					
Potable Water Supply		200	0		
Shellfish		125	0		
Recreation(Primary Contact)		125	0		
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0		
Public Nuisance(On Site Systems Only)		50	0		
Agriculture Water Use		25	0		
Industrial Water Use		25	0		
		Subtotal	0		
<u>B. Existing Water Quality</u>					
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored	
Dissolved Oxygen	0	50	100	0	
Fecal Coliform	0	50	100	0	
Nutrients	0	25	50	0	
Toxics	0	25	50	0	
				Subtotal	0
				State Planning Commission	50
				Population	0.016264
				BDA Points	0
				Transit Villages	0
				<b>TOTAL POINTS</b>	<b>275.016264</b>

**Project Name, Number**

Secaucus Town  
S340029-04  
Stormwater Management

**Priority List Rank**

601

**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
FY16 Rank:	603		
County:	Monmouth	Total State Amount:	\$708,917

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.016116
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		275.016116

**Project Name, Number**

Asbury Park City  
S340883-07  
Stormwater Management

**Priority List Rank**

603

**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
FY16 Rank:	604		
County:	Atlantic	Total State Amount:	\$3,007,318

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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  
S340146-02  
Stormwater Management

**Priority List Rank**

604

**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
FY16 Rank:	604		
County:	Atlantic	Total State Amount:	\$26,849,966

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

604

**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 filtration 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.

Anticipated Recipient:	Richard Stockton College		
Project No.:	S340146-01	Eligible Project Cost:	\$597,909
FY16 Rank:	604		
County:	Atlantic	Total State Amount:	\$597,909

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.0079
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		275.0079

**Project Name, Number**

Richard Stockton College  
S340146-01  
Stormwater Management

**Priority List Rank**

604

**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
FY16 Rank:	607		
County:	Monmouth	Total State Amount:	\$574,201

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

Possible Points  
Points Scored

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS 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**

Belmar Borough  
S340209-02  
Stormwater Management

**Priority List Rank**

607

**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:	Woolwich Township		
Project No.:	S340432-01	Eligible Project Cost:	\$25,227,238
FY16 Rank:	608		
County:	Gloucester	Total State Amount:	\$25,227,238

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.003032
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		275.003032

**Project Name, Number**

Woolwich Township  
S340432-01  
Sanitary Sewer System - New

**Priority List Rank**

608

**County**

Gloucester

**Existing Population**

3,032

**Service Area**

Woolwich Township

**Need for Project**

Water quality is the main concern for this project. The treatment facility upgrades will be in compliance with N.J.A.C. 79B (New Jersey Surface Water Quality Standards). A centralized wastewater system will provide an environmentally effective way to satisfy the significant quantity of wastewater to be generated by the growth area. The advantages of the use of centralized wastewater system provides reliable protection to surface and groundwater (drinking water) resources and prevents toxic substances from entering groundwater through the on-site wastewater stream and compliance with regulated laws through NPJPDES. This proposed system will not rely primarily on individual ownerusers actions to provide proper conveyance and treatment.

**Project Description**

Woolwich Township is developing areas in specific growth areas within the State Development and Redevelopment Plan. This project consist of the Woolwich Regional Center along the US 322 corridor. This project will consist of the installation of a comprehensive wastewater collection treatment and disposal system within the planned growth area. Aqua New Jersey currently holds the wastewater disposal franchise in Woolwich. A portion of Woolwich Township is partially served by the Logan Township Municipal Utilities Authority which operates a wastewater treatment facility with a discharge to the Delaware River. Based on current development projections it is anticipated that 750000 gpd of wastewater treatment and disposal capacity will be required. The proposed project will consist of installation of a new conveyance systems that will consist of gravity sewer and pressurized force mains along with upgrades to Logan Township conveyance and disposal system.

Anticipated Recipient:	Cinnaminson Sewerage Authority		
Project No.:	S340170-08	Eligible Project Cost:	\$899,000
FY16 Rank:	609		
County:	Burlington	Total State Amount:	\$899,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

Cinnaminson Sewerage Authority  
S340170-08  
Sanitary Sewer System - New

**Priority List Rank**

609

**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
FY16 Rank:	610		
County:	Camden	Total State Amount:	\$112,292

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment 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**

610

**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.:	S340778-04	Eligible Project Cost:	\$420,000
FY16 Rank:	611		
County:	Passaic	Total State Amount:	\$420,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.01119
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		265.01119

**Project Name, Number**

Totowa Borough  
S340778-04  
Sanitary Sewer System - New

**Priority List Rank**

611

**County**

Passaic

**Existing Population**

11,190

**Service Area**

Borough of Totowa

**Need for Project**

The proposed project will connect 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.

Anticipated Recipient:	Pleasantville City		
Project No.:	S340752-02	Eligible Project Cost:	\$686,789
FY16 Rank:	612		
County:	Atlantic	Total State Amount:	\$686,789

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.01437
		BDA Points		0
		Transit Villages		10
		TOTAL POINTS		260.01437

**Project Name, Number**

Pleasantville City  
S340752-02  
Sanitary Sewer System - New

**Priority List Rank**

612

**County**

Atlantic

**Existing Population**

14,370

**Service Area**

The

**Need for Project**

The proposed project will collect the sanitary discharge from 40 proposed residential units adjacent to environmentally sensitive wetlands and convey the discharge to the existing sanitary sewer system and ultimately to the treatment facility downstream. In addition the existing sanitary sewer main extending through the adjacent wetlands and wetlands transition area is proposed to be taken out of service thereby reducing the potential for accidental sewage leaks into this environmentally sensitive area.

**Project Description**

The proposed project includes the construction of a - 601 linear foot sanitary sewer main extension within the Narcissus Ave right-of-way including replacement of existing manholes and lateral stub connections to service the future 40-unit townhouse development adjacent to the project location. In addition the existing sanitary sewer within the environmentally sensitive wetlands and wetlands transition area is proposed to be removed from service. Other proposed improvements include the replacement of - 299 linear feet of sanitary sewer main within the E Park Ave right-of-way drainage improvements restoration work to include roadway repair curb repair and sidewalk construction and other minor appurtenant work.

Anticipated Recipient:	Cranbury Township		
Project No.:	S340506-02	Eligible Project Cost:	\$3,603,428
FY16 Rank:	613		
County:	Middlesex	Total State Amount:	\$3,603,428

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		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**

613

**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:	Cumberland County		
Project No.:	S340438-01	Eligible Project Cost:	\$15,693,192
FY16 Rank:	614		
County:	Cumberland	Total State Amount:	\$15,693,192

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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		0.001631
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		260.001631

**Project Name, Number**

Cumberland County  
S340438-01  
Sanitary Sewer System - New

**Priority List Rank**

614

**County**

Cumberland

**Existing Population**

1,631

**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:	Greenwich Township		
Project No.:	S340359-02	Eligible Project Cost:	\$2,140,000
FY16 Rank:	615		
County:	Warren	Total State Amount:	\$2,140,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		5
		Population		0.005712
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		255.005712

**Project Name, Number**

Greenwich Township  
S340359-02  
Sanitary Sewer System - New

**Priority List Rank**

615

**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 Townships 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
FY16 Rank:	616		
County:	Burlington	Total State Amount:	\$1,525,150

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

616

**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

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340902-01	Eligible Project Cost:	\$4,945,666
FY16 Rank:	617		
County:	Gloucester	Total State Amount:	\$4,945,666

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

617

**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 composting 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
FY16 Rank:	618		
County:	Somerset	Total State Amount:	\$1,465,130

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.1007
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.1007

**Project Name, Number**

Somerset Raritan Valley Sewer Authority  
S340801-03  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

618

**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:	Clifton City		
Project No.:	S340844-03	Eligible Project Cost:	\$4,391,306
FY16 Rank:	619		
County:	Passaic	Total State Amount:	\$4,391,306

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.078672
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.078672

**Project Name, Number**

Clifton City  
S340844-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

619

**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
FY16 Rank:	620		
County:	Bergen	Total State Amount:	\$6,419,326

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment 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**

Northwest Bergen County Utilities Authority  
S340700-11  
Sanitary Sewer System - New

**Priority List Rank**

620

**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
FY16 Rank:	621		
County:	Salem	Total State Amount:	\$6,816,427

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Salem County  
S340804-03  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

621

**County**

Salem

**Existing Population**

56,880

**Service Area**

Alloway 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.:	S340806-03	Eligible Project Cost:	\$354,638
FY16 Rank:	622		
County:	Morris	Total State Amount:	\$354,638

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.050649
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.050649

**Project Name, Number**

Parsippany Troy Hills Township  
S340806-03  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

622

**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
FY16 Rank:	623		
County:	Bergen	Total State Amount:	\$2,294,564

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment 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**

Northwest Bergen County Utilities Authority  
S340700-05  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

623

**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
FY16 Rank:	624		
County:	Burlington	Total State Amount:	\$11,392,714

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.05009
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.05009

**Project Name, Number**

Mansfield Township  
S340935-03  
Sanitary Sewer System - New

**Priority List Rank**

624

**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
FY16 Rank:	625		
County:	Union	Total State Amount:	\$3,997,392

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

625

**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 efficiency.

**Project Description**

The proposed project includes construction of a new wet well valve chamber generator pump 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
FY16 Rank:	626		
County:	Atlantic	Total State Amount:	\$903,160

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment 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**

Egg Harbor Township Municipal Utilities Authority  
S340753-05  
Sanitary Sewer System - New

**Priority List Rank**

626

**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 conveyed 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
FY16 Rank:	627		
County:	Somerset	Total State Amount:	\$788,517

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.04294
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.04294

**Project Name, Number**

Bridgewater Township  
S340638-05  
Stormwater Management

**Priority List Rank**

627

**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
FY16 Rank:	628		
County:	Ocean	Total State Amount:	\$6,137,256

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment 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**

Berkeley Township Sewer Authority  
S340969-08  
Sanitary Sewer System - New

**Priority List Rank**

628

**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
FY16 Rank:	628		
County:	Ocean	Total State Amount:	\$4,202,120

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.041255
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.041255

**Project Name, Number**

Berkeley Township Sewer Authority  
S340969-09  
Sanitary Sewer System - New

**Priority List Rank**

628

**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:	West Orange Township		
Project No.:	S340865-01	Eligible Project Cost:	\$12,117,146
FY16 Rank:	630		
County:	Essex	Total State Amount:	\$12,117,146

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment 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**

West Orange Township  
S340865-01  
Sanitary Sewer System - New

**Priority List Rank**

630

**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.:	S340832-02	Eligible Project Cost:	\$4,610,126
FY16 Rank:	631		
County:	Monmouth	Total State Amount:	\$4,610,126

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.039
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.039

**Project Name, Number**

Manasquan River Regional Sewerage Authority  
S340832-02  
Sanitary Sewer System - New

**Priority List Rank**

631

**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
FY16 Rank:	632		
County:	Mercer	Total State Amount:	\$23,940,222

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

632

**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:	Hillsborough Township		
Project No.:	S340099-02	Eligible Project Cost:	\$1,536,339
FY16 Rank:	633		
County:	Somerset	Total State Amount:	\$1,536,339

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.038303
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.038303

**Project Name, Number**

Hillsborough Township  
S340099-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

633

**County**

Somerset

**Existing Population**

38,303

**Service Area**

This project will serve 40 residential units on four streets. The HTMUA system serves residential and commercial units within the Township. There are areas of the Township that are outside the HTMUA service area and have individual septic systems.

**Need for Project**

The project will provide sanitary sewer service to existing residents that are experiencing problems with the existing on-site septic systems. The water quality of the residential area will be improved by eliminating the failing septic systems.

**Project Description**

(Carryover SFY2015) - The Township is proposing to install sanitary sewers to serve approximately 40 homes with failing septic systems on 4 streets. The project includes construction of approximately 3700 linear feet of 8-inch gravity sewer pipes and approximately 720 linear feet of 1.5-inch force main laterals. Approximately 6 homes will connect to a new 1.5-inch force main with ejector pumps. An (approximately) 12000 gpd of flow will be conveyed from the area to the Hillsborough MUA once construction has been done.

Anticipated Recipient:	Galloway Township		
Project No.:	S340892-09	Eligible Project Cost:	\$951,143
FY16 Rank:	634		
County:	Atlantic	Total State Amount:	\$951,143

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

634

**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
FY16 Rank:	635		
County:	Camden	Total State Amount:	\$1,276,427

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.03647
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.03647

**Project Name, Number**

Cherry Hill Township  
S340954-01  
Sanitary Sewer System - New

**Priority List Rank**

635

**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
FY16 Rank:	636		
County:	Burlington	Total State Amount:	\$13,000,360

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

636

**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
FY16 Rank:	637		
County:	Camden	Total State Amount:	\$2,320,058

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.03009
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.03009

**Project Name, Number**

Winslow Township  
S340895-04  
Sanitary Sewer System - New

**Priority List Rank**

637

**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
FY16 Rank:	637		
County:	Camden	Total State Amount:	\$4,784,482

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Winslow Township  
S340895-05  
Sanitary Sewer System - New

**Priority List Rank**

637

**County**

Camden

**Existing Population**

30,090

**Service Area**

Winslow Township

**Need for Project**

The West Atco area is comprised of approximately 182 acres and is contained within the Pinelands Regional Growth Area and is designated as a sewer service area in the current CCMUA Wastewater Management Plan. Existing development within this area consists of approximately 200 single family homes on small lots with wells that rely upon individual septic systems. There have been a number of failing septic systems within the West Atco area

**Project Description**

The proposed project includes construction of a sanitary sewer collection system a pumping station and a force main.

Anticipated Recipient:	Deptford Township Municipal Utilities Authority		
Project No.:	S340066-01	Eligible Project Cost:	\$1,677,717
FY16 Rank:	639		
County:	Gloucester	Total State Amount:	\$1,677,717

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

639

**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
FY16 Rank:	640		
County:	Ocean	Total State Amount:	\$1,679,268

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.026535
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.026535

**Project Name, Number**

Stafford Township  
S340946-06  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

640

**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
FY16 Rank:	641		
County:	Atlantic	Total State Amount:	\$2,774,147

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

641

**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
FY16 Rank:	642		
County:	Bergen	Total State Amount:	\$2,718,518

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.023594
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.023594

**Project Name, Number**

Cliffside Park Borough  
S340847-05  
Sanitary Sewer System - New

**Priority List Rank**

642

**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:	Carteret Borough		
Project No.:	S340939-04	Eligible Project Cost:	\$2,250,375
FY16 Rank:	643		
County:	Middlesex	Total State Amount:	\$2,250,375

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.020709
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.020709

**Project Name, Number**

Carteret Borough  
S340939-04  
Sanitary Sewer System - New

**Priority List Rank**

643

**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
FY16 Rank:	644		
County:	Morris	Total State Amount:	\$8,842,391

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Randolph Township  
S340632-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

644

**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
FY16 Rank:	645		
County:	Bergen	Total State Amount:	\$2,207,442

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.0185
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.0185

**Project Name, Number**

Edgewater Borough  
S340446-06  
Sanitary Sewer System - New

**Priority List Rank**

645

**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
FY16 Rank:	646		
County:	Monmouth	Total State Amount:	\$8,413,107

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.01821
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.01821

**Project Name, Number**

Aberdeen Township  
S340869-02  
Sanitary Sewer System - New

**Priority List Rank**

646

**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 life 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
FY16 Rank:	647		
County:	Passaic	Total State Amount:	\$6,614,815

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.018
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.018

**Project Name, Number**

Montclair State University  
S340321-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

647

**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
FY16 Rank:	648		
County:	Mercer	Total State Amount:	\$570,013

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

West Windsor Township  
S340491-02  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

648

**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
FY16 Rank:	649		
County:	Gloucester	Total State Amount:	\$3,968,099

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.015614
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.015614

**Project Name, Number**

Glassboro Borough  
S340545-04  
Sanitary Sewer System - New

**Priority List Rank**

649

**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
FY16 Rank:	650		
County:	Gloucester	Total State Amount:	\$1,645,877

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.015466
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.015466

**Project Name, Number**

Franklin Township  
S340839-03  
Sanitary Sewer System - New

**Priority List Rank**

650

**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:	Sparta Township		
Project No.:	S340495-04	Eligible Project Cost:	\$2,821,542
FY16 Rank:	651		
County:	Sussex	Total State Amount:	\$2,821,542

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.015157
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.015157

**Project Name, Number**

Sparta Township  
S340495-04  
Sanitary Sewer System - New

**Priority List Rank**

651

**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
FY16 Rank:	652		
County:	Warren	Total State Amount:	\$641,034

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>250.01199</b>

**Project Name, Number**

Hackettstown Municipal Utilities Authority  
S340803-03  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

652

**County**

Warren

**Existing Population**

11,990

**Service Area**

Hackettstown Town Independence Township

**Need for Project**

Disposing of septage in unlined landfills was prohibited as of March 15 1985 to prevent degradation of groundwater quality. An alternative disposal method is the utilization of existing treatment facilities. Therefore the municipalities indicated above have been assigned to the Hackettstown Municipal Utilities Authority treatment plant as designated in Appendix A of the Statewide Septage Management Plan. This project is necessary to ensure that septage disposal for existing and future development is in conformance with said plan. It should also be noted that the present facilities for handling septage wastes generated within the above service area are inadequate to handle the quantity and quality of wastes proposed to be accepted.

**Project Description**

A septage management plan has already been approved by the NJDEP. The facility plan recommends the construction of additional septage handling facilities at the HMUA wastewater treatment plant. The proposed facilities consist of a receiving station receiving chamber holding tank pumping station piping valves and miscellaneous equipment to provide the capability of diverting septage at a controlled rate to the primary digester or the division box upstream of the primary clarifier.

Anticipated Recipient:	Holmdel Township		
Project No.:	S340919-02	Eligible Project Cost:	\$40,665,789
FY16 Rank:	653		
County:	Monmouth	Total State Amount:	\$40,665,789

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment 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		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>250.011532</b>

**Project Name, Number**

Holmdel Township  
S340919-02  
Sanitary Sewer System - New

**Priority List Rank**

653

**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 VanSchoick. 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
FY16 Rank:	654		
County:	Passaic	Total State Amount:	\$733,721

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.010987
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.010987

**Project Name, Number**

Woodland Park Borough  
S340778-05  
Sanitary Sewer System - New

**Priority List Rank**

654

**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
FY16 Rank:	654		
County:	Passaic	Total State Amount:	\$2,049,114

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.010987
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.010987

**Project Name, Number**

Woodland Park Borough  
S340203-01  
Sanitary Sewer System - New

**Priority List Rank**

654

**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
FY16 Rank:	656		
County:	Camden	Total State Amount:	\$3,309,185

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment 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		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>250.01094</b>

**Project Name, Number**

Waterford Township Municipal Utilities Authority  
S340163-01  
Sanitary Sewer System - New

**Priority List Rank**

656

**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
FY16 Rank:	657		
County:	Gloucester	Total State Amount:	\$21,330,926

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

657

**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 Richwood 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
FY16 Rank:	658		
County:	Somerset	Total State Amount:	\$44,376,955

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>250.008302</b>

**Project Name, Number**

Bedminster Township  
S340830-01  
Sewage Treatment Plant (STP) - Expansion

**Priority List Rank**

658

**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 company's 2.1 MGD central wastewater treatment plant located in Bedminster.

Anticipated Recipient:	Logan Township Municipal Utilities Authority		
Project No.:	S340123-01	Eligible Project Cost:	\$17,350,281
FY16 Rank:	658		
County:	Gloucester	Total State Amount:	\$17,350,281

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.006032
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.006032

**Project Name, Number**

Logan Township Municipal Utilities Authority  
S340123-01  
Stormwater Management

**Priority List Rank**

658

**County**

Gloucester

**Existing Population**

6,032

**Service Area**

Logan Township and a portion of Woolwich Township

**Need for Project**

The expansion of the LTMUA Water Reclamation Facility is intended to provide additional capacity for planned residential development in the service area consistent with the Wastewater Management Plan and to insure that the facility continues to meet established NJPDES permit limits.

**Project Description**

The proposed improvements to the treatment facility include construction of a membrane bioreactor a new headworks facility a new UV disinfection system and an additional rotary drum thickener. The effluent pumping station will be upgraded and instrumentation and electrical upgrades including a new emergency generator will be installed.

Anticipated Recipient:	Bernardsville Borough		
Project No.:	S340816-04	Eligible Project Cost:	\$646,588
FY16 Rank:	659		
County:	Somerset	Total State Amount:	\$646,588

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00668
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.00668

**Project Name, Number**

Bernardsville Borough  
S340816-04  
Sanitary Sewer System - New

**Priority List Rank**

659

**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	Eligible Project Cost:	\$360,245
Project No.:	S340258-01		
FY16 Rank:	660		
County:	Cape May	Total State Amount:	\$360,245

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.0065
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.0065

**Project Name, Number**

Cape May City  
S340258-01  
Salt Water Intrusion Resolution

**Priority List Rank**

660

**County**

Cape May

**Existing Population**

6,500

**Service Area**

City of Cape May Borough of West Cape May Borough of Cape May Point portion of Lower Township and Coast Guard Base

**Need for Project**

The Cohansey Aquifer from which the Cape May Water Utility draws its potable water is experiencing salt water intrusion. To prolong the life of the Cohansey Aquifer and to meet summer water needs the City is proposing to derive 1.4 MGD of brackish water from the Atlantic City 800-foot deep sand aquifer and build a desalination facility employing a reverse osmosis process.

**Project Description**

The desalination facility will generate 1.0 MGD of potable water 0.4 MGD of concentrate and 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
FY16 Rank:	661		
County:	Mercer	Total State Amount:	\$3,475,917

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Hopewell Township  
S340282-02  
Sanitary Sewer System - New

**Priority List Rank**

661

**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:	Logan Township Municipal Utilities Authority		
Project No.:	S340123-01	Eligible Project Cost:	\$8,021,481
FY16 Rank:	662		
County:	Gloucester	Total State Amount:	\$8,021,481

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.006042
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.006042

**Project Name, Number**

Logan Township Municipal Utilities Authority  
S340123-01  
Sewage Treatment Plant (STP) - Expansion

**Priority List Rank**

662

**County**

Gloucester

**Existing Population**

6,042

**Service Area**

Logan Township and Woolwich Township

**Need for Project**

The Logan Township MUA proposes to increase the plant capacity from 2.0 MGD to 2.5 MGD based on recent development pressure. Without an increase in plant capacity, further development will be limited.

**Project Description**

In general, the work on this project consists of expanding the capacity of the sequencing batch reactor facilities by 0.50 MGD at the 2.0 MGD water reclamation facility for the Logan Township Municipal Utilities Authority (MUA). Work will include upgrades to the Plant Effluent Pump Station, the construction of one new SBR basin and the expansion of the existing SBR building.

Anticipated Recipient:	Salem City		
Project No.:	S340235-02	Eligible Project Cost:	\$1,546,267
FY16 Rank:	663		
County:	Salem	Total State Amount:	\$1,546,267

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.005857
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.005857

**Project Name, Number**

Salem City  
S340235-02  
Stormwater Management

**Priority List Rank**

663

**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
FY16 Rank:	664		
County:	Cape May	Total State Amount:	\$12,357,700

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

Wildwood City  
S340664-04  
Stormwater Management

**Priority List Rank**

664

**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:	East Greenwich Township		
Project No.:	S340368-02	Eligible Project Cost:	\$2,781,719
FY16 Rank:	665		
County:	Gloucester	Total State Amount:	\$2,781,719

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment 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		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00526
			BDA Points	0
			Transit Villages	0
			<b>TOTAL POINTS</b>	<b>250.00526</b>

**Project Name, Number**

East Greenwich Township  
S340368-02  
Pump Stations

**Priority List Rank**

665

**County**

Gloucester

**Existing Population**

5,260

**Service Area**

Township of East Greenwich

**Need for Project**

Currently sewage disposal is through individual on-site systems. A few properties located within the redevelopment area are serviced by sanitary force mains and a failing pump station. The intent is to replace the pump station and connect all other properties.

**Project Description**

Construction of a new Regional Pump Station located within the Townships Redevelopment Zone. The current lack of a pump station is inhibiting potential developer interest in the area. The construction of infrastructure within this region will bring developers to the area. Resulting in increased jobs and economic growth of the region. The project has been designed and permits submitted to the DEP. The Township is currently lacking funding to proceed to the construction phase.

Anticipated Recipient:	East Greenwich Township		
Project No.:	S340368-01	Eligible Project Cost:	\$660,187
FY16 Rank:	665		
County:	Gloucester	Total State Amount:	\$660,187

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment 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		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00526
			BDA Points	0
			Transit Villages	0
			<b>TOTAL POINTS</b>	<b>250.00526</b>

**Project Name, Number**

East Greenwich Township  
S340368-01  
Sanitary Sewer System - New

**Priority List Rank**

665

**County**

Gloucester

**Existing Population**

5,260

**Service Area**

Kings Highway Cohawkin Road County House Road

**Need for Project**

The purpose of the project is to eliminate individual on-site septic systems.

**Project Description**

The proposed project involves the construction of a sanitary sewer collection system along various streets covering approximately 6050 linear feet with 8-inch diameter PVC sewer main.

Anticipated Recipient:	Wildwood City		
Project No.:	S340664-02	Eligible Project Cost:	\$2,492,677
FY16 Rank:	667		
County:	Cape May	Total State Amount:	\$2,492,677

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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

**Priority List Rank**

667

**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
FY16 Rank:	668		
County:	Cape May	Total State Amount:	\$1,800,638

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.004041
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.004041

**Project Name, Number**

North Wildwood City  
S340663-05  
Stormwater Management

**Priority List Rank**

668

**County**

Cape May

**Existing Population**

4,041

**Service Area**

North Wildwood City

**Need for Project**

The City's stormwater system needs to be reconfigured with the addition of a stormwater 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
FY16 Rank:	669		
County:	Atlantic	Total State Amount:	\$5,232,801

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.0037
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.0037

**Project Name, Number**

Buena Borough Municipal Utilities Authority  
S340518-05  
Sewage Treatment Plant (STP) - New

**Priority List Rank**

669

**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 Municipal Utilities Authority		
Project No.:	S340370-01	Eligible Project Cost:	\$12,630,925
FY16 Rank:	670		
County:	Cape May	Total State Amount:	\$12,630,925

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.003
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.003

**Project Name, Number**

Woodbine Municipal Utilities Authority  
S340370-01  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

670

**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
FY16 Rank:	671		
County:	Atlantic	Total State Amount:	\$236,752

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Weymouth Township Municipal Utilities Authority  
S340078-01  
Pump Stations

**Priority List Rank**

671

**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
FY16 Rank:	672		
County:	Warren	Total State Amount:	\$11,199,679

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.0019
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.0019

**Project Name, Number**

Greenwich Township  
S340359-01  
Water Treatment Plant/Facilities

**Priority List Rank**

672

**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:	Chester Borough		
Project No.:	S340876-02	Eligible Project Cost:	\$1,191,434
FY16 Rank:	673		
County:	Morris	Total State Amount:	\$1,191,434

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00151
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		250.00151

**Project Name, Number**

Chester Borough  
S340876-02  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

673

**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
FY16 Rank:	674		
County:	Cumberland	Total State Amount:	\$9,207,328

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Commercial Township  
S340955-01  
Water Treatment Plant/Facilities

**Priority List Rank**

674

**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
FY16 Rank:	675		
County:	Burlington	Total State Amount:	\$1,232,571

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Pemberton Township Municipal Utilities Authority  
S340649-04  
Sewage Treatment Plant (STP) - New

**Priority List Rank**

675

**County**

Burlington

**Existing Population**

1,210

**Service Area**

Pemberton Township

**Need for Project**

Pemberton is developing a program to correct failing septic systems to improve the community's groundwater and surface water quality and protect residents from exposure to septage.

**Project Description**

The proposed project includes the creation of a septic management district.

Anticipated Recipient:	Delran Sewerage Authority		
Project No.:	S340794-06	Eligible Project Cost:	\$1,220,236
FY16 Rank:	676		
County:	Burlington	Total State Amount:	\$1,220,236

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

Delran Sewerage Authority  
S340794-06  
Stormwater Management

**Priority List Rank**

676

**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
FY16 Rank:	677		
County:	Sussex	Total State Amount:	\$570,013

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.015888
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		240.015888

**Project Name, Number**

Hopatcong Borough  
S340488-06  
Stormwater Management

**Priority List Rank**

677

**County**

Sussex

**Existing Population**

15,888

**Service Area**

Borough of Hopatcong

**Need for Project**

Stormwater 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
FY16 Rank:	678		
County:	Burlington	Total State Amount:	\$647,074

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.014595
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		240.014595

**Project Name, Number**

Cinnaminson Township  
S340170-05  
Stormwater Management

**Priority List Rank**

678

**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
FY16 Rank:	679		
County:	Burlington	Total State Amount:	\$904,800

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.00992
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		240.00992

**Project Name, Number**

Burlington City  
S340140-01  
Stormwater Management

**Priority List Rank**

679

**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
FY16 Rank:	680		
County:	Burlington	Total State Amount:	\$343,408

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.007091
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		240.007091

**Project Name, Number**

Palmyra Borough  
S340030-02  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

680

**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:	Manasquan Borough		
Project No.:	S340450-01	Eligible Project Cost:	\$5,069,400
FY16 Rank:	681		
County:	Monmouth	Total State Amount:	\$5,069,400

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.005897
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		240.005897

**Project Name, Number**

Manasquan Borough  
S340450-01  
Stormwater Management

**Priority List Rank**

681

**County**

Monmouth

**Existing Population**

5,897

**Service Area**

The service area for the project will be the entire Borough of Manasquan as the project will impact the sanitary sewer system and other key existing infrastructure's resiliency to future storms. Manasquan is a 1.38 square mile coastal town in Monmouth County, New Jersey with a population of 5,897 that swells to 25,000 in the summer and a population density of 4,263.9. Borough infrastructure is impacted often by storm events due to its proximity to the Atlantic Ocean and coastal water bodies including the Glimmer Glass, Watson Creek, Stockton Lake, and three (3) creeks that run through town.

**Need for Project**

The purpose of this project is to protect the Borough's existing infrastructure and provide water quality measures that meet current standards for discharge into water bodies. Elevating bulkheads and new stormwater water quality control measures will provide mutual benefits to the Borough's existing infrastructure and to the overall community and environment. Infrastructure protection measures will prevent damage to the sanitary sewer and stormwater infrastructure during storm events; such damage, if not prevented, would cause disruption of service and astronomical financial cost to the Borough and customers. Water quality improvements will protect the environment from direct non-controlled discharges into the tidal water bodies. As part of long-term planning, the Borough will be revisiting its bulkhead ordinances to support these controls.

**Project Description**

This is a resiliency project for systems adversely impacted by Superstorm Sandy the pump station electric system and controls were compromised during the storm and bulkheads were undermined. The E Virginia Ave pump station will be elevated using FEMA obligated funds to mitigate impacts of future flooding during high tides and storm events. The proposed project will include infrastructure protection and stormwater conveyance measures these include an enclosure for the elevated pump station reconstruction and elevation of bulkheads at Borough property along Perrine Blvd at the southern-most intersection of Perrine Blvd and Cedar Ave at the southern terminus of Euclid Ave near Perrine Blvd and along the 4th Ave parking lot. Improvements will be made to fill in between the reconstructed bulkheads and roads as well as to reinstall water and electric service to the marina.

Anticipated Recipient:	Hightstown Borough		
Project No.:	S340915-07	Eligible Project Cost:	\$479,390
FY16 Rank:	682		
County:	Mercer	Total State Amount:	\$479,390

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.005494
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		240.005494

**Project Name, Number**

Hightstown Borough  
S340915-07  
Stormwater Management

**Priority List Rank**

682

**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
FY16 Rank:	683		
County:	Cape May	Total State Amount:	\$15,183,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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

**Priority List Rank**

683

**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:	West Wildwood Borough		
Project No.:	S340626-05	Eligible Project Cost:	\$1,890,000
FY16 Rank:	684		
County:	Cape May	Total State Amount:	\$1,890,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.000603
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		240.000603

**Project Name, Number**

West Wildwood Borough  
S340626-05  
Stormwater Management

**Priority List Rank**

684

**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
FY16 Rank:	685		
County:	Union	Total State Amount:	\$11,795,031

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS 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**

Cranford Township  
S340858-04  
Stormwater Management

**Priority List Rank**

685

**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
FY16 Rank:	686		
County:	Union	Total State Amount:	\$190,491

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS 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**

Cranford Township  
S340858-05  
Stormwater Management

**Priority List Rank**

686

**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
FY16 Rank:	687		
County:	Atlantic	Total State Amount:	\$247,348

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

Hammonton Town  
S340927-04  
Equipment Purchase (Clean Water)

**Priority List Rank**

687

**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:	Matawan Borough		
Project No.:	S340967-03	Eligible Project Cost:	\$289,789
FY16 Rank:	688		
County:	Monmouth	Total State Amount:	\$289,789

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00891
		BDA Points		0
		Transit Villages		10
		TOTAL POINTS		235.00891

**Project Name, Number**

Matawan Borough  
S340967-03  
Equipment Purchase (Clean Water)

**Priority List Rank**

688

**County**

Monmouth

**Existing Population**

8,910

**Service Area**

Borough of Matawan

**Need for Project**

The Borough of Matawan is located in a relatively low lying area surrounding Lake Lefferts and Matawan Lake. Periodically the 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 maintenance which will be enhanced by the use of Jet Vac equipment and certain specific improvements to the existing stormwater facilities.

**Project Description**

The proposed project involves the purchase of a Jet-Vac Truck to clean debris from the storm sewers and minimize adverse impacts on Lake Lefferts.

Anticipated Recipient:	Matawan Borough		
Project No.:	S340967-02	Eligible Project Cost:	\$4,404,418
FY16 Rank:	688		
County:	Monmouth	Total State Amount:	\$4,404,418

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00891
		BDA Points		0
		Transit Villages		10
		TOTAL POINTS		235.00891

**Project Name, Number**

Matawan Borough  
S340967-02  
Stormwater Management

**Priority List Rank**

688

**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:	Downe Township		
Project No.:	S340438-02	Eligible Project Cost:	\$16,395,206
FY16 Rank:	690		
County:	Cumberland	Total State Amount:	\$16,395,206

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		10
		Population		0.001631
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		235.001631

**Project Name, Number**

Downe Township  
S340438-02  
Stormwater Management

**Priority List Rank**

690

**County**

Cumberland

**Existing Population**

1,631

**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:	Monmouth County		
Project No.:	S340788-05	Eligible Project Cost:	\$923,244
FY16 Rank:	691		
County:	Monmouth	Total State Amount:	\$923,244

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.553124
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.553124

**Project Name, Number**

Monmouth County  
S340788-05  
Stormwater Management

**Priority List Rank**

691

**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
FY16 Rank:	692		
County:	Camden	Total State Amount:	\$792,068

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Camden County  
S340525-01  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

692

**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
FY16 Rank:	692		
County:	Camden	Total State Amount:	\$1,693,221

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.502824
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.502824

**Project Name, Number**

Camden County  
S340525-02  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

692

**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
FY16 Rank:	692		
County:	Camden	Total State Amount:	\$781,693

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.502824
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.502824

**Project Name, Number**

Camden County  
S340525-03  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

692

**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
FY16 Rank:	695		
County:	Union	Total State Amount:	\$5,015,073

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.49631
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.49631

**Project Name, Number**

Union County  
S340280-01  
Stormwater Management

**Priority List Rank**

695

**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		
Project No.:	S340818-07	Eligible Project Cost:	\$2,183,362
FY16 Rank:	696		
County:	Burlington	Total State Amount:	\$2,183,362

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.450838
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.450838

**Project Name, Number**

Burlington County  
S340818-07  
Stormwater Management

**Priority List Rank**

696

**County**

Burlington

**Existing Population**

450,838

**Service Area**

Burlington County

**Need for Project**

Rehabilitate existing deteriorated stormwater sewer system(s), culverts & inlets/catch basins to reduce/eliminate infiltration of nonpoint source pollution into the adjacent ground and ground water; improve water quality by the installation of water quality type inlet/catch basin castings & grates that reduce the amount of debris (solids & floatables) from entering the storm sewer system. Purchase of Portable Water Sedimentation Treatment Tank System will effectively remove and discharge ground water safely & can be used during and after construction for long-term water quality improvement and in the ongoing maintenance of stormwater manufactured treatment devices. Purchase of Stormsewer Video Camera Truck System will help in maintaining the stormsewer infrastructure by inspecting the failing sewer system using video camera, and purchase of Calcium Chloride Spray Truck to treat the icy roadway surface requiring less salt to use on the roadway in winter which will improve quality.

**Project Description**

Rehabilitation of existing deteriorated stormwater sewer pipe system(s) by the installation of a Cured-in-Place Pipe Lining (CIPP) to existing deteriorating pipes culverts & or the replacement in-kind (if CIPP cannot be completed) of deteriorated & or failed pipe sections as required. Rehabilitation of existing stormsewer inlets/catch basins by repairing deteriorated/failed portions of the structure & the installation of water quality type inlet/catch basin castings & grates. Purchase of Portable Water Sedimentation Treatment Tank System to effectively remove & discharge ground water safely & to use during and after construction for long-term water quality improvement & in the ongoing maintenance of stormwater Manufactured Treatment Devices. Purchase of Stormsewer Video Camera Truck System to maintain stormsewer infrastructure by inspecting failing sewer system using video camera & purchase of Calcium Chloride Spray Truck for treating icy roadway surface requiring less salt usage.

Anticipated Recipient:	Burlington County Bridge Commission		
Project No.:	S340818-05	Eligible Project Cost:	\$5,962,475
FY16 Rank:	697		
County:	Burlington	Total State Amount:	\$5,962,475

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

Possible Points  
Points Scored

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS 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
			<b>TOTAL POINTS</b>	<b>225.38246</b>

**Project Name, Number**

Burlington County Bridge Commission  
S340818-05  
Stormwater Management

**Priority List Rank**

697

**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 Removal/Desnagging 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	Eligible Project Cost:	\$29,876,122
Project No.:	S340815-11		
FY16 Rank:	698		
County:	Essex	Total State Amount:	\$29,876,122

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	100	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

Newark City  
S340815-11  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

698

**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 contaminants 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
FY16 Rank:	699		
County:	Atlantic	Total State Amount:	\$1,141,988

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.252552
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.252552

**Project Name, Number**

Atlantic County  
S340156-01  
Stormwater Management

**Priority List Rank**

699

**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
FY16 Rank:	700		
County:	Atlantic	Total State Amount:	\$570,013

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.25
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.25

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-20  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

700

**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
FY16 Rank:	700		
County:	Atlantic	Total State Amount:	\$1,522,661

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
		<b>TOTAL POINTS</b>		<b>225.25</b>

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-19  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

700

**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
FY16 Rank:	702		
County:	Ocean	Total State Amount:	\$1,054,062

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.091239
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.091239

**Project Name, Number**

Toms River Township  
S340145-02  
Stormwater Management

**Priority List Rank**

702

**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:	Camden County Municipal Utilities Authority		
Project No.:	S340640-14-1	Eligible Project Cost:	\$1,620,000
FY16 Rank:	703		
County:	Camden	Total State Amount:	\$1,620,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.08
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		275.08

**Project Name, Number**

Camden County Municipal Utilities Authority  
S340640-14-1  
Stormwater Management - Green Infrastructure

**Priority List Rank**

703

**County**

Camden

**Existing Population**

80,000

**Service Area**

Camden City

**Need for Project**

Reduction of combined sewage flooding and combined sewage overflows to waters of the State

**Project Description**

Construction of rain gardens and replacement of Camden City combined sewer system segments to reduce flooding potential

Anticipated Recipient:	Clifton City		
Project No.:	S340844-04	Eligible Project Cost:	\$2,337,382
FY16 Rank:	704		
County:	Passaic	Total State Amount:	\$2,337,382

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Clifton City  
S340844-04  
Equipment Purchase (Clean Water)

**Priority List Rank**

704

**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.:	S340097-03	Eligible Project Cost:	\$147,540
FY16 Rank:	705		
County:	Monmouth	Total State Amount:	\$147,540

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.066522
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.066522

**Project Name, Number**

Middletown Township  
S340097-03  
Stormwater Management

**Priority List Rank**

705

**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:	Middletown Township		
Project No.:	S340097-01	Eligible Project Cost:	\$3,997,392
FY16 Rank:	705		
County:	Monmouth	Total State Amount:	\$3,997,392

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

705

**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:	Old Bridge Township		
Project No.:	S340945-12	Eligible Project Cost:	\$13,000,360
FY16 Rank:	707		
County:	Middlesex	Total State Amount:	\$13,000,360

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.065375
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.065375

**Project Name, Number**

Old Bridge Township  
S340945-12  
Stormwater Management

**Priority List Rank**

707

**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 proposed project includes construction of roadway and stormwater management facilities.

Anticipated Recipient:	Gloucester Township		
Project No.:	S340364-11	Eligible Project Cost:	\$1,470,871
FY16 Rank:	708		
County:	Camden	Total State Amount:	\$1,470,871

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.064634
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.064634

**Project Name, Number**

Gloucester Township  
S340364-11  
Stormwater Management

**Priority List Rank**

708

**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 eliminate flooding of Redwood Street that isolates a small community in the SW corner of the township. Project will entail extensive stormwater and hydrologic analysis, likely increase in the size of the culvert under Redwood Avenue, revisions to the street profile and any required improvements to the stream channel. Extensive permitting is expected.

Anticipated Recipient:	Gloucester Township		
Project No.:	S340364-14	Eligible Project Cost:	\$1,400,973
FY16 Rank:	708		
County:	Camden	Total State Amount:	\$1,400,973

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Gloucester Township  
S340364-14  
Stormwater Management

**Priority List Rank**

708

**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 restore stormwater basin function, and repair/reconstruct failing stormwater outfall structures. The reconstruction of the failing stormwater outfalls is anticipated to reduce the current erosion concerns, thereby improving surface water quality. The restoration of the stormwater basins is expected to enhance stormwater recharge, thereby improving the local hydrology.

**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 an existing culvert stormwater outfalls to streams rehabilitation to stormwater basins and underground stormwater infrastructure piping and surface stormwater collection inlets. The purpose of this project is to replace/repair aging infrastructure and maintain/rehabilitate stormwater basins.

Anticipated Recipient:	Gloucester Township		
Project No.:	S340364-15	Eligible Project Cost:	\$1,369,058
FY16 Rank:	708		
County:	Camden	Total State Amount:	\$1,369,058

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.064634
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.064634

**Project Name, Number**

Gloucester Township  
S340364-15  
Stormwater Management

**Priority List Rank**

708

**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:	New Jersey Water Supply Authority		
Project No.:	S340421-01	Eligible Project Cost:	\$36,425,562
FY16 Rank:	711		
County:	Somerset	Total State Amount:	\$36,425,562

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS 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				0.0623
BDA Points				0
Transit Villages				0
TOTAL POINTS				225.0623

**Project Name, Number**

New Jersey Water Supply Authority  
S340421-01  
Stormwater Management

**Priority List Rank**

711

**County**

Somerset

**Existing Population**

62,300

**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 186200) to Amwell Road (Station 241800) in Franklin Township Somerset County New Jersey

**Need for Project**

Since the canal functions as a reservoir 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 by product 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) releases into the water column..

**Project Description**

The New Jersey Water Supply Authority (NJWSA) proposes to remove approximately 270000 cubic yards of sediment from a 10.5 mile segment of the Delaware and Raritan Canal (D&R Canal) between Kingston at Lincoln Highway - Route 27 (Station 186200) to Amwell Road (Station 241800) in Franklin Township Somerset County New Jersey.

Anticipated Recipient:	Plainfield City		
Project No.:	S340240-01	Eligible Project Cost:	\$103,278
FY16 Rank:	712		
County:	Union	Total State Amount:	\$103,278

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.047829
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.047829

**Project Name, Number**

Plainfield City  
S340240-01  
Stormwater Management

**Priority List Rank**

712

**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.

Anticipated Recipient:	Plainfield City		
Project No.:	S340240-05	Eligible Project Cost:	\$60,491
FY16 Rank:	712		
County:	Union	Total State Amount:	\$60,491

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.047829
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.047829

**Project Name, Number**

Plainfield City  
S340240-05  
Stormwater Management

**Priority List Rank**

712

**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
FY16 Rank:	712		
County:	Union	Total State Amount:	\$1,343,743

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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

**Priority List Rank**

712

**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:	Berkeley Township		
Project No.:	S340969-10	Eligible Project Cost:	\$773,430
FY16 Rank:	715		
County:	Ocean	Total State Amount:	\$773,430

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Berkeley Township  
S340969-10  
Equipment Purchase (Clean Water)

**Priority List Rank**

715

**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:	Berkeley Township		
Project No.:	S340969-12	Eligible Project Cost:	\$908,797
FY16 Rank:	715		
County:	Ocean	Total State Amount:	\$908,797

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.041255
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.041255

**Project Name, Number**

Berkeley Township  
S340969-12  
Equipment Purchase (Clean Water)

**Priority List Rank**

715

**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 two culverts and purchase of a street sweeper.

Anticipated Recipient:	Mount Laurel Township		
Project No.:	S340943-04	Eligible Project Cost:	\$10,426,744
FY16 Rank:	717		
County:	Burlington	Total State Amount:	\$10,426,744

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Mount Laurel Township  
S340943-04  
Stormwater Management

**Priority List Rank**

717

**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
FY16 Rank:	718		
County:	Atlantic	Total State Amount:	\$714,452

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.037349
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.037349

**Project Name, Number**

Galloway Township  
S340892-07  
Stormwater Management

**Priority List Rank**

718

**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
FY16 Rank:	719		
County:	Monmouth	Total State Amount:	\$1,396,910

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.034727
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.034727

**Project Name, Number**

Neptune Township  
S340410-08  
Stormwater Management

**Priority List Rank**

719

**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
FY16 Rank:	719		
County:	Monmouth	Total State Amount:	\$5,308,104

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.034727
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.034727

**Project Name, Number**

Neptune Township  
S340410-07  
Stormwater Management

**Priority List Rank**

719

**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
FY16 Rank:	719		
County:	Monmouth	Total State Amount:	\$708,917

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.034727
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.034727

**Project Name, Number**

Neptune Township  
S340410-06  
Stormwater Management

**Priority List Rank**

719

**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	Eligible Project Cost:	\$185,346
Project No.:	S340397-03		
FY16 Rank:	722		
County:	Mercer	Total State Amount:	\$185,346

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Ewing Township  
S340397-03  
Stormwater Management

**Priority List Rank**

722

**County**

Mercer

**Existing Population**

34,185

**Service Area**

Ewing Township

**Need for Project**

The Township needs to reduce flooding and reduce solids transportation. The project would reduce the sediment load to prevent creation of sediment islands and minimize the scour effect on stream banks.

**Project Description**

The proposed project will address the degradation of the water quality in a tributary to the Gold Run by stabilizing its banks and restoring the bed to its original configuration. The stream has many areas of severe erosion that are causing significant property damage. The stabilization is approximately 1300 feet in length and will restore the conveyance area to reduce erosive velocities.

Anticipated Recipient:	Ewing Township		
Project No.:	S340397-01	Eligible Project Cost:	\$465,419
FY16 Rank:	722		
County:	Mercer	Total State Amount:	\$465,419

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.034185
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.034185

**Project Name, Number**

Ewing Township  
S340397-01  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

722

**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
FY16 Rank:	724		
County:	Middlesex	Total State Amount:	\$318,067

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.027999
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.027999

**Project Name, Number**

Monroe Township  
S340423-04  
Equipment Purchase (Clean Water)

**Priority List Rank**

724

**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
FY16 Rank:	725		
County:	Monmouth	Total State Amount:	\$9,524,777

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>225.027974</b>

**Project Name, Number**

Marlboro Township  
S340268-01  
Stormwater Management

**Priority List Rank**

725

**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
FY16 Rank:	726		
County:	Union	Total State Amount:	\$1,483,949

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Rahway City  
S340546-03  
Stormwater Management

**Priority List Rank**

726

**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	Eligible Project Cost:	\$1,198,294
Project No.:	S340750-04		
FY16 Rank:	727		
County:	Monmouth	Total State Amount:	\$1,198,294

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.025058
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.025058

**Project Name, Number**

Ocean Township  
S340750-04  
Stormwater Management

**Priority List Rank**

727

**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
FY16 Rank:	728		
County:	Essex	Total State Amount:	\$5,479,091

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.023868
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.023868

**Project Name, Number**

Maplewood Township  
S340283-02  
Stormwater Management

**Priority List Rank**

728

**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:	Carteret Borough		
Project No.:	S340939-09	Eligible Project Cost:	\$4,653,327
FY16 Rank:	729		
County:	Middlesex	Total State Amount:	\$4,653,327

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.022844
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.022844

**Project Name, Number**

Carteret Borough  
S340939-09  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

729

**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:	Carteret Borough		
Project No.:	S340939-08	Eligible Project Cost:	\$1,396,910
FY16 Rank:	729		
County:	Middlesex	Total State Amount:	\$1,396,910

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.022844
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.022844

**Project Name, Number**

Carteret Borough  
S340939-08  
Stormwater Management

**Priority List Rank**

729

**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 adequately 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:	Medford Township		
Project No.:	S340346-02	Eligible Project Cost:	\$4,784,482
FY16 Rank:	731		
County:	Burlington	Total State Amount:	\$4,784,482

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.022253
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.022253

**Project Name, Number**

Medford Township  
S340346-02  
Stormwater Management

**Priority List Rank**

731

**County**

Burlington

**Existing Population**

22,253

**Service Area**

Medford Township

**Need for Project**

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

**Project Description**

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

Anticipated Recipient:	Hillside Township		
Project No.:	S340906-04	Eligible Project Cost:	\$748,257
FY16 Rank:	732		
County:	Union	Total State Amount:	\$748,257

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.02137
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.02137

**Project Name, Number**

Hillside Township  
S340906-04  
Stormwater Management

**Priority List Rank**

732

**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
FY16 Rank:	732		
County:	Monmouth	Total State Amount:	\$140,163

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.021378
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.021378

**Project Name, Number**

Hazlet Township  
S340968-03  
Stormwater Management

**Priority List Rank**

732

**County**

Monmouth

**Existing Population**

21,378

**Service Area**

Hazlet Township

**Need for Project**

The Township needs a jet-vac so that clogged storm sewers can be cleared to prevent standing stormwater that can contribute to non-point source pollution of the Township waterways.

**Project Description**

The proposed project is for the purchase of a jet-vac for cleaning storm sewers.

Anticipated Recipient:	Hazlet Township		
Project No.:	S340968-02	Eligible Project Cost:	\$416,419
FY16 Rank:	732		
County:	Monmouth	Total State Amount:	\$416,419

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS 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**

Hazlet Township  
S340968-02  
Stormwater Management

**Priority List Rank**

732

**County**

Monmouth

**Existing Population**

21,378

**Service Area**

Hazlet Township

**Need for Project**

The Township lacks a stormwater drainage system which results in frequent flooding and other concerns.

**Project Description**

The proposed project includes the installation and replacement of inlets and storm pipes in problem areas of the Township. Also included is the construction of a salt dome for stormwater management.

Anticipated Recipient:	Mount Olive Township		
Project No.:	S340537-05	Eligible Project Cost:	\$1,266,579
FY16 Rank:	735		
County:	Morris	Total State Amount:	\$1,266,579

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.021282
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.021282

**Project Name, Number**

Mount Olive Township  
S340537-05  
Stormwater Management

**Priority List Rank**

735

**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
FY16 Rank:	736		
County:	Bergen	Total State Amount:	\$4,784,482

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.017503
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.017503

**Project Name, Number**

Dumont Borough  
S340922-05  
Stormwater Management

**Priority List Rank**

736

**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:	Hammonton Town		
Project No.:	S340927-09	Eligible Project Cost:	\$1,773,507
FY16 Rank:	737		
County:	Atlantic	Total State Amount:	\$1,773,507

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Hammonton Town  
S340927-09  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

737

**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
FY16 Rank:	738		
County:	Union	Total State Amount:	\$500,308

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.013407
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.013407

**Project Name, Number**

Berkeley Heights Township  
S340385-03  
Stormwater Management

**Priority List Rank**

738

**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
FY16 Rank:	739		
County:	Middlesex	Total State Amount:	\$479,390

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Highland Park Borough  
S340938-02  
Stormwater Management

**Priority List Rank**

739

**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
FY16 Rank:	740		
County:	Passaic	Total State Amount:	\$465,419

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.012396
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.012396

**Project Name, Number**

Ringwood Borough  
S340157-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

740

**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.

Anticipated Recipient:	New Providence Borough		
Project No.:	S340474-01	Eligible Project Cost:	\$180,000
FY16 Rank:	741		
County:	Union	Total State Amount:	\$180,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.011907
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.011907

**Project Name, Number**

New Providence Borough  
S340474-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

741

**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
FY16 Rank:	742		
County:	Bergen	Total State Amount:	\$6,614,815

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Hasbrouck Heights Borough  
S340329-02  
Stormwater Management

**Priority List Rank**

742

**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
FY16 Rank:	743		
County:	Ocean	Total State Amount:	\$416,419

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.011045
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.011045

**Project Name, Number**

Beachwood Borough  
S340208-01  
Stormwater Management

**Priority List Rank**

743

**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
FY16 Rank:	744		
County:	Camden	Total State Amount:	\$500,308

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.01094
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.01094

**Project Name, Number**

Waterford Township  
S340163-02  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

744

**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
FY16 Rank:	745		
County:	Passaic	Total State Amount:	\$1,163,975

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.010855
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.010855

**Project Name, Number**

Little Falls Township  
S340716-06  
Stormwater Management

**Priority List Rank**

745

**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
FY16 Rank:	745		
County:	Passaic	Total State Amount:	\$1,235,996

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Little Falls Township  
S340716-05  
Stormwater Management

**Priority List Rank**

745

**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
FY16 Rank:	747		
County:	Atlantic	Total State Amount:	\$1,054,749

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.010795
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.010795

**Project Name, Number**

Somers Point City  
S340618-04  
Stormwater Management

**Priority List Rank**

747

**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
FY16 Rank:	747		
County:	Atlantic	Total State Amount:	\$5,203,507

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.010795
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.010795

**Project Name, Number**

Somers Point City  
S340618-02  
Stormwater Management

**Priority List Rank**

747

**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
FY16 Rank:	747		
County:	Atlantic	Total State Amount:	\$1,122,734

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.010795
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.010795

**Project Name, Number**

Somers Point City  
S340618-03  
Stormwater Management

**Priority List Rank**

747

**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
FY16 Rank:	750		
County:	Burlington	Total State Amount:	\$169,048

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.010728
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.010728

**Project Name, Number**

Mount Holly Township  
S340817-05  
Stormwater Management

**Priority List Rank**

750

**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 algae and plants knocking out the ecosystem.

**Project Description**

The project includes restoration of Upper Buttonwood and Wolman Lakes.

Anticipated Recipient:	Ventnor City		
Project No.:	S340667-02	Eligible Project Cost:	\$9,466,743
FY16 Rank:	751		
County:	Atlantic	Total State Amount:	\$9,466,743

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.01065
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.01065

**Project Name, Number**

Ventnor City  
S340667-02  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

751

**County**

Atlantic

**Existing Population**

10,650

**Service Area**

The Ventnor Gardens Pump Station services the western most section of the City of Ventnor and the easternmost section of the City of Margate. These area are fully developed with residential uses and some commercial services.

**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 site is located at the well-established neighborhoods of Ventnor and Margate that has witnessed frequent flooding and significant impacts from Superstorm Sandy.

**Project Description**

(Carryover SFY2015) - This project includes installing a pump station and stormwater infrastructure in the Ventnor Heights 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. This project includes installing a pump station and stormwater infrastructure in the Gardens section of the City. This project is being pursued jointly by the Cities of Ventnor and Margate Atlantic County Government and the Atlantic County Utilities Authority. This project is designed to make the stormwater system more resilient and to protect public infrastructure and private investments in the 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 and to protect public infrastructure and private investments in the area. Without properly functioning check valves tide water can back up into the City complicating the impacts of a high tide storm event.

Anticipated Recipient:	Ventnor City		
Project No.:	S340667-03	Eligible Project Cost:	\$1,396,554
FY16 Rank:	751		
County:	Atlantic	Total State Amount:	\$1,396,554

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

751

**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:	Ventnor City	Eligible Project Cost:	\$5,000,000
Project No.:	S340667-02-1		
FY16 Rank:	751		
County:	Atlantic	Total State Amount:	\$5,000,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.01065
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.01065

**Project Name, Number**

Ventnor City  
S340667-02-1  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

751

**County**

Atlantic

**Existing Population**

10,650

**Service Area**

The Ventnor Gardens Pump Station services the western most section of the City of Ventnor and the easternmost section of the City of Margate. These area are fully developed with residential uses and some commercial services.

**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 site is located at the well-established neighborhoods of Ventnor and Margate that has witnessed frequent flooding and significant impacts from Superstorm Sandy.

**Project Description**

This project includes installing a pump station and stormwater infrastructure in the Ventnor Heights 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. This project includes installing a pump station and stormwater infrastructure in the Gardens section of the City. This project is being pursued jointly by the Cities of Ventnor and Margate Atlantic County Government and the Atlantic County Utilities Authority. This project is designed to make the stormwater system more resilient and to protect public infrastructure and private investments in the 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 and to protect public infrastructure and private investments in the area. Without properly functioning check valves tide water can back up into the City complicating the impacts of a high tide storm event.

Anticipated Recipient:	Keansburg Borough		
Project No.:	S340118-03	Eligible Project Cost:	\$1,847,907
FY16 Rank:	754		
County:	Monmouth	Total State Amount:	\$1,847,907

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.010105
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.010105

**Project Name, Number**

Keansburg Borough  
S340118-03  
Stormwater Management

**Priority List Rank**

754

**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.:	S340827-06	Eligible Project Cost:	\$873,263
FY16 Rank:	755		
County:	Atlantic	Total State Amount:	\$873,263

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Brigantine City  
S340827-06  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

755

**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
FY16 Rank:	755		
County:	Atlantic	Total State Amount:	\$999,476

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00945
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.00945

**Project Name, Number**

Brigantine City  
S340827-07  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

755

**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:	Brigantine City		
Project No.:	S340827-05	Eligible Project Cost:	\$4,420,173
FY16 Rank:	755		
County:	Atlantic	Total State Amount:	\$4,420,173

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>225.00945</b>

**Project Name, Number**

Brigantine City  
S340827-05  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

755

**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:	River Vale Township		
Project No.:	S340188-01	Eligible Project Cost:	\$1,191,434
FY16 Rank:	758		
County:	Bergen	Total State Amount:	\$1,191,434

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

River Vale Township  
S340188-01  
Stormwater Management

**Priority List Rank**

758

**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
FY16 Rank:	759		
County:	Monmouth	Total State Amount:	\$360,245

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>225.00897</b>

**Project Name, Number**

Millstone Township  
S340126-01  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

759

**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 contain 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
FY16 Rank:	760		
County:	Sussex	Total State Amount:	\$218,940

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.0087
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.0087

**Project Name, Number**

Byram Township  
S340569-03  
Equipment Purchase (Clean Water)

**Priority List Rank**

760

**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
FY16 Rank:	760		
County:	Sussex	Total State Amount:	\$186,919

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.0087
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.0087

**Project Name, Number**

Byram Township  
S340569-04  
Stormwater Management

**Priority List Rank**

760

**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
FY16 Rank:	762		
County:	Burlington	Total State Amount:	\$2,049,114

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Edgewater Park Township  
S340166-01  
Stormwater Management

**Priority List Rank**

762

**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
FY16 Rank:	763		
County:	Morris	Total State Amount:	\$360,245

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.008347
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.008347

**Project Name, Number**

Boonton Town  
S340265-01  
Stormwater Management

**Priority List Rank**

763

**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:	Bogota Borough		
Project No.:	S340914-02	Eligible Project Cost:	\$430,399
FY16 Rank:	764		
County:	Bergen	Total State Amount:	\$430,399

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00802
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.00802

**Project Name, Number**

Bogota Borough  
S340914-02  
Stormwater Management

**Priority List Rank**

764

**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
FY16 Rank:	764		
County:	Bergen	Total State Amount:	\$6,614,815

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Bogota Borough  
S340914-03  
Stormwater Management

**Priority List Rank**

764

**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
FY16 Rank:	766		
County:	Atlantic	Total State Amount:	\$1,201,038

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Richard Stockton College  
S340146-04  
Stormwater Management

**Priority List Rank**

766

**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.

Anticipated Recipient:	Wood-Ridge Borough		
Project No.:	S340239-01	Eligible Project Cost:	\$646,771
FY16 Rank:	767		
County:	Bergen	Total State Amount:	\$646,771

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.007644
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.007644

**Project Name, Number**

Wood-Ridge Borough  
S340239-01  
Stormwater Management

**Priority List Rank**

767

**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 and/or 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
FY16 Rank:	768		
County:	Monmouth	Total State Amount:	\$360,245

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.007586
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.007586

**Project Name, Number**

Keyport Borough  
S340267-01  
Stormwater Management

**Priority List Rank**

768

**County**

Monmouth

**Existing Population**

7,586

**Service Area**

Borough of Keyport

**Need for Project**

The Borough needs to remediate certain areas which experience flooding and properly maintain its stormwater sewers. The existing facilities adversely impact water quality in the Raritan Bay.

**Project Description**

The proposed project involves the construction of approximately 200 feet of reinforced concrete pipe (RCP) and two doghouse drainage structures to create a bypass system to divert stormwater runoff to a separate outfall on Broad Street. Also included in the project is the construction of approximately 800 feet of RCP to replace an existing storm system on Second Street Waverly Street and Third Street and the purchase of a Scavenge-Vac to properly maintain the system.

Anticipated Recipient:	Cresskill Borough		
Project No.:	S340374-01	Eligible Project Cost:	\$444,422
FY16 Rank:	769		
County:	Bergen	Total State Amount:	\$444,422

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Cresskill Borough  
S340374-01  
Stormwater Management

**Priority List Rank**

769

**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
FY16 Rank:	770		
County:	Burlington	Total State Amount:	\$289,789

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.007217
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.007217

**Project Name, Number**

Westampton Township  
S340105-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

770

**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 contaminants from roadways to minimize adverse impacts on local waterways.

Anticipated Recipient:	Linwood City		
Project No.:	S340217-01	Eligible Project Cost:	\$937,026
FY16 Rank:	771		
County:	Atlantic	Total State Amount:	\$937,026

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.007172
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.007172

**Project Name, Number**

Linwood City  
S340217-01  
Stormwater Management

**Priority List Rank**

771

**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 basins inlets (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
FY16 Rank:	772		
County:	Gloucester	Total State Amount:	\$2,236,978

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.006097
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.006097

**Project Name, Number**

Paulsboro Borough  
S340164-01  
Stormwater Management

**Priority List Rank**

772

**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	Eligible Project Cost:	\$94,425
Project No.:	S340209-03		
FY16 Rank:	773		
County:	Monmouth	Total State Amount:	\$94,425

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.006045
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.006045

**Project Name, Number**

Belmar Borough  
S340209-03  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

773

**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
FY16 Rank:	774		
County:	Camden	Total State Amount:	\$708,917

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.005672
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.005672

**Project Name, Number**

Berlin Borough  
S340308-01  
Stormwater Management

**Priority List Rank**

774

**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
FY16 Rank:	774		
County:	Camden	Total State Amount:	\$722,804

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.005672
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.005672

**Project Name, Number**

Berlin Borough  
S340308-02  
Equipment Purchase (Clean Water)

**Priority List Rank**

774

**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	Eligible Project Cost:	\$1,317,721
Project No.:	S340790-03		
FY16 Rank:	776		
County:	Camden	Total State Amount:	\$1,317,721

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.005466
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.005466

**Project Name, Number**

Berlin Township  
S340790-03  
Stormwater Management

**Priority List Rank**

776

**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
FY16 Rank:	777		
County:	Camden	Total State Amount:	\$1,331,729

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Somerdale Borough  
S340338-03  
Stormwater Management

**Priority List Rank**

777

**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
FY16 Rank:	778		
County:	Bergen	Total State Amount:	\$430,399

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.005322
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.005322

**Project Name, Number**

Englewood Cliffs Borough  
S340169-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

778

**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
FY16 Rank:	779		
County:	Monmouth	Total State Amount:	\$781,697

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.005005
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.005005

**Project Name, Number**

Highlands Borough  
S340901-04  
Stormwater Management

**Priority List Rank**

779

**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:	Highlands Borough		
Project No.:	S340901-03	Eligible Project Cost:	\$4,299,487
FY16 Rank:	779		
County:	Monmouth	Total State Amount:	\$4,299,487

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>225.005005</b>

**Project Name, Number**

Highlands Borough  
S340901-03  
Stormwater Management

**Priority List Rank**

779

**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

Anticipated Recipient:	Edgewater Borough		
Project No.:	S340446-07	Eligible Project Cost:	\$2,718,518
FY16 Rank:	779		
County:	Bergen	Total State Amount:	\$2,718,518

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.005001
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.005001

**Project Name, Number**

Edgewater Borough  
S340446-07  
Stormwater Management

**Priority List Rank**

779

**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:	Mendham Borough		
Project No.:	S340159-01	Eligible Project Cost:	\$318,067
FY16 Rank:	782		
County:	Morris	Total State Amount:	\$318,067

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Mendham Borough  
S340159-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

782

**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
FY16 Rank:	782		
County:	Morris	Total State Amount:	\$193,346

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00489
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.00489

**Project Name, Number**

Mendham Borough  
S340159-02  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

782

**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
FY16 Rank:	784		
County:	Essex	Total State Amount:	\$1,396,910

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00485
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.00485

**Project Name, Number**

Roseland Borough  
S340361-02  
Stormwater Management

**Priority List Rank**

784

**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.:	S340541-04	Eligible Project Cost:	\$134,261
FY16 Rank:	785		
County:	Morris	Total State Amount:	\$134,261

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Mount Arlington Borough  
S340541-04  
Stormwater Management

**Priority List Rank**

785

**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
FY16 Rank:	786		
County:	Atlantic	Total State Amount:	\$2,643,901

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.004545
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.004545

**Project Name, Number**

Egg Harbor Township  
S340856-01  
Stormwater Management

**Priority List Rank**

786

**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
FY16 Rank:	787		
County:	Camden	Total State Amount:	\$455,626

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.004404
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.004404

**Project Name, Number**

Magnolia Borough  
S340285-03  
Equipment Purchase (Clean Water)

**Priority List Rank**

787

**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
FY16 Rank:	788		
County:	Camden	Total State Amount:	\$159,031

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Magnolia Borough  
S340285-04  
Stormwater Management

**Priority List Rank**

788

**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
FY16 Rank:	789		
County:	Monmouth	Total State Amount:	\$537,008

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.004298
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.004298

**Project Name, Number**

Bradley Beach Borough  
S340472-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

789

**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 1900s. It is the Boroughs 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
FY16 Rank:	790		
County:	Burlington	Total State Amount:	\$360,245

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.004173
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.004173

**Project Name, Number**

Medford Lakes Borough  
S340319-02  
Stormwater Management

**Priority List Rank**

790

**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.

Anticipated Recipient:	Bethlehem Township		
Project No.:	S340210-01	Eligible Project Cost:	\$110,655
FY16 Rank:	791		
County:	Hunterdon	Total State Amount:	\$110,655

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>225.00382</b>

**Project Name, Number**

Bethlehem Township  
S340210-01  
Stormwater Management

**Priority List Rank**

791

**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.

Anticipated Recipient:	Bethlehem Township		
Project No.:	S340210-02	Eligible Project Cost:	\$402,413
FY16 Rank:	791		
County:	Hunterdon	Total State Amount:	\$402,413

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00382
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.00382

**Project Name, Number**

Bethlehem Township  
S340210-02  
Stormwater Management

**Priority List Rank**

791

**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 streams/groundwater. 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
FY16 Rank:	793		
County:	Hunterdon	Total State Amount:	\$6,863,603

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.003776
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.003776

**Project Name, Number**

High Bridge Borough  
S340842-03  
Stormwater Management

**Priority List Rank**

793

**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
FY16 Rank:	793		
County:	Hunterdon	Total State Amount:	\$162,326

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

793

**County**

Hunterdon

**Existing Population**

3,776

**Service Area**

Borough of High Bridge

**Need for Project**

The Borough of High Bridge proposes to build a salt barn to replace two deteriorated buildings where runoff threatens a tributary of the South Branch of the Raritan River. Covered-inside storage will eliminate the possibility of contaminating the stream wells and ground water with salt run-off.

**Project Description**

The proposed project includes construction of a salt barn with 631 tons capacity.

Anticipated Recipient:	Stanhope Borough		
Project No.:	S340504-03	Eligible Project Cost:	\$147,540
FY16 Rank:	795		
County:	Sussex	Total State Amount:	\$147,540

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Stanhope Borough  
S340504-03  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

795

**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
FY16 Rank:	796		
County:	Sussex	Total State Amount:	\$570,013

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Hamburg Borough  
S340149-02  
Stormwater Management

**Priority List Rank**

796

**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
FY16 Rank:	797		
County:	Camden	Total State Amount:	\$193,346

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Lawnside Borough  
S340263-01  
Stormwater Management

**Priority List Rank**

797

**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
FY16 Rank:	798		
County:	Ocean	Total State Amount:	\$405,216

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.002665
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.002665

**Project Name, Number**

Lavallette Borough  
S340966-04  
Stormwater Management

**Priority List Rank**

798

**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:	Riverdale Borough		
Project No.:	S340729-02	Eligible Project Cost:	\$289,789
FY16 Rank:	799		
County:	Morris	Total State Amount:	\$289,789

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Riverdale Borough  
S340729-02  
Equipment Purchase (Clean Water)

**Priority List Rank**

799

**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 maintenance which will be enhanced by the use of Jet Vac equipment and certain specific improvements to the existing stormwater facilities.

**Project Description**

The proposed project involves the purchase of a Jet-Vac Truck to clean debris from the storm sewers and minimize adverse impacts on local waterways.

Anticipated Recipient:	Liberty Township		
Project No.:	S340165-01	Eligible Project Cost:	\$148,979
FY16 Rank:	799		
County:	Warren	Total State Amount:	\$148,979

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.002493
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.002493

**Project Name, Number**

Liberty Township  
S340165-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

799

**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:	Avon By The Sea Borough		
Project No.:	S340335-02	Eligible Project Cost:	\$360,245
FY16 Rank:	801		
County:	Monmouth	Total State Amount:	\$360,245

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00235
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.00235

**Project Name, Number**

Avon By The Sea Borough  
S340335-02  
Stormwater Management

**Priority List Rank**

801

**County**

Monmouth

**Existing Population**

2,350

**Service Area**

Avon-By-The-Sea

**Need for Project**

The purpose of the project is eliminate pollutants from entering tidal waters and Sylvan Lake through the stormwater system.

**Project Description**

The proposed project includes the construction of a catch basin system to reduce the pollutant load into the surface waters.

Anticipated Recipient:	Pine Beach Borough		
Project No.:	S340248-01	Eligible Project Cost:	\$293,500
FY16 Rank:	802		
County:	Ocean	Total State Amount:	\$293,500

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.00195
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.00195

**Project Name, Number**

Pine Beach Borough  
S340248-01  
Stormwater Management

**Priority List Rank**

802

**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:	Wyckoff Township		
Project No.:	S340738-04	Eligible Project Cost:	\$535,216
FY16 Rank:	803		
County:	Bergen	Total State Amount:	\$535,216

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.0019
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.0019

**Project Name, Number**

Wyckoff Township  
S340738-04  
Equipment Purchase (Clean Water)

**Priority List Rank**

803

**County**

Bergen

**Existing Population**

1,900

**Service Area**

Township of Wyckoff

**Need for Project**

Implementation of a regional stormwater management 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 Girt Borough		
Project No.:	S340468-01	Eligible Project Cost:	\$4,823,809
FY16 Rank:	804		
County:	Monmouth	Total State Amount:	\$4,823,809

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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	225.001828

**Project Name, Number**

Sea Girt Borough  
S340468-01  
Stormwater Management

**Priority List Rank**

804

**County**

Monmouth

**Existing Population**

1,828

**Service Area**

East end of Baltimore Boulevard from First Avenue to the Ocean; east end of Neptune Blvd. outfall (on the beach) to the Ocean

**Need for Project**

The Borough of Sea Girt is requesting funding through the New Jersey Environmental Infrastructure Trust Finance Program (Trust) Clean Water State Revolving Fund for the State Fiscal Year 2006 loan program to improve its undersized stormwater infrastructure and extended its outfall pipes. The primary goal of these improvements is to remedy blocked and undersized infrastructure conditions.

**Project Description**

Repairs and upgrades to the Borough of Sea Girts stormwater drainage system which include the upgrading of pipe sizes and the extension of Baltimore Blvd. and Neptune Place outfall pipes.

Anticipated Recipient:	Sea Bright Borough		
Project No.:	S340077-01	Eligible Project Cost:	\$3,774,303
FY16 Rank:	805		
County:	Monmouth	Total State Amount:	\$3,774,303

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.001818
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.001818

**Project Name, Number**

Sea Bright Borough  
S340077-01  
Stormwater Management

**Priority List Rank**

805

**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:	Hampton Borough		
Project No.:	S340481-01	Eligible Project Cost:	\$97,500
FY16 Rank:	806		
County:	Hunterdon	Total State Amount:	\$97,500

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.001401
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.001401

**Project Name, Number**

Hampton Borough  
S340481-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

806

**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
FY16 Rank:	807		
County:	Cape May	Total State Amount:	\$3,217,620

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.001334
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.001334

**Project Name, Number**

Avalon Borough  
S340864-02  
Stormwater Management

**Priority List Rank**

807

**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.

Anticipated Recipient:	Califon Borough		
Project No.:	S340431-01	Eligible Project Cost:	\$1,584,586
FY16 Rank:	808		
County:	Hunterdon	Total State Amount:	\$1,584,586

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.001076
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		225.001076

**Project Name, Number**

Califon Borough  
S340431-01  
Stormwater Management

**Priority List Rank**

808

**County**

Hunterdon

**Existing Population**

1,076

**Service Area**

The physical borders of the Borough of Califon comprise 1 square mile

**Need for Project**

Current stormwater system is in structural failure and is adversely affecting various septic systems and causing undo runoff into South Branch of the Raritan River

**Project Description**

(Carryover SFY2015) - The severe flooding at Railroad Avenue and Main Street is primarily attributed to rapidly peaking storm flows from two primary watercourses, one, the unnamed tributary extending from the firehouse at Main Street across the northernly portion of a large unimproved property (Block 20, lot 4) following a wooded stream corridor to the County culvert on Academy Street, and one (1) which extends along behind the residences on Main Street and along the easterly boundary of the undeveloped Winters Tract. It is proposed that improvements consist of three major components !)

- 1) replacement of the existing antiquated stormwater piping and open channel system extending from Main Street to the natural stream channel on the recently acquired mitigation tract;
- 2) construction of a stormwater conveyance relief pipe along Main Street parallel to the existing system of culverts to provide additional capacity to the discharge point at Main Street, and
- 3) construction of mini-diversions from existing tributa

Anticipated Recipient:	Teterboro Borough		
Project No.:	S340339-01	Eligible Project Cost:	\$1,219,513
FY16 Rank:	809		
County:	Bergen	Total State Amount:	\$1,219,513

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS 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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	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**

Teterboro Borough  
S340339-01  
Stormwater Management

**Priority List Rank**

809

**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.

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S342012-02	Eligible Project Cost:	\$4,915,537
FY16 Rank:	810		
County:	Middlesex	Total State Amount:	\$4,915,537

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.750162
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		200.750162

**Project Name, Number**

Middlesex County Utilities Authority  
S342012-02  
Well Sealing

**Priority List Rank**

810

**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	Eligible Project Cost:	\$16,123,721
Project No.:	S340815-15		
FY16 Rank:	811		
County:	Essex	Total State Amount:	\$16,123,721

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	100	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

811

**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 contaminants 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:	Newark City	Eligible Project Cost:	\$27,315,736
Project No.:	S340815-23	Total State Amount:	\$27,315,736
FY16 Rank:	811		
County:	Essex		

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 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  
S340815-23  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

811

**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 contaminants 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 consist 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 warehouse/industrial 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:	Jersey City	Eligible Project Cost:	\$13,000,360
Project No.:	S343069-01		
FY16 Rank:	813		
County:	Hudson	Total State Amount:	\$13,000,360

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

Jersey City  
S343069-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

813

**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
FY16 Rank:	814		
County:	Cape May	Total State Amount:	\$954,929

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Cape May County Municipal Utilities Authority  
S342017-01  
Landfill Closure

**Priority List Rank**

814

**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	Eligible Project Cost:	\$6,614,815
Project No.:	S340366-05		
FY16 Rank:	815		
County:	Camden	Total State Amount:	\$6,614,815

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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**

Camden City  
S340366-05  
Well Sealing

**Priority List Rank**

815

**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
FY16 Rank:	816		
County:	Hudson	Total State Amount:	\$3,941,003

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
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**

Bayonne Local Redevelopment Authority  
S342009-01  
Landfill Closure

**Priority List Rank**

816

**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
FY16 Rank:	817		
County:	Hudson	Total State Amount:	\$4,922,087

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		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**

817

**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 Hoboken's 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 City's 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
FY16 Rank:	818		
County:	Hudson	Total State Amount:	\$21,189,858

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
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**

Secaucus Town  
S342021-01  
Landfill Closure

**Priority List Rank**

818

**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:	Stafford Township		
Project No.:	S343076-01	Eligible Project Cost:	\$6,683,353
FY16 Rank:	819		
County:	Ocean	Total State Amount:	\$6,683,353

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.022532
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		175.022532

**Project Name, Number**

Stafford Township  
S343076-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

819

**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 Township		
Project No.:	S343008-01	Eligible Project Cost:	\$4,653,327
FY16 Rank:	820		
County:	Mercer	Total State Amount:	\$4,653,327

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.013198
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		175.013198

**Project Name, Number**

Princeton Township  
S343008-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

820

**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
FY16 Rank:	821		
County:	Cape May	Total State Amount:	\$3,997,392

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		25
		Population		0.00398
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		175.00398

**Project Name, Number**

Wildwood Crest Borough  
S343041-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

821

**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
FY16 Rank:	822		
County:	Ocean	Total State Amount:	\$14,226,449

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.076119
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		165.076119

**Project Name, Number**

Brick Township  
S342018-01  
Landfill Closure

**Priority List Rank**

822

**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:	Buena Vista Township		
Project No.:	S342023-01	Eligible Project Cost:	\$23,530,000
FY16 Rank:	823		
County:	Atlantic	Total State Amount:	\$23,530,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		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**

823

**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 by 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 11 Long 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 (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 Townships 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
FY16 Rank:	824		
County:	Hudson	Total State Amount:	\$12,326,308

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	50	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.247597
		BDA Points		0
		Transit Villages		10
		TOTAL POINTS		160.247597

**Project Name, Number**

Jersey City Redevelopment Agency  
S340928-26  
Sanitary Sewer System - New

**Priority List Rank**

824

**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
FY16 Rank:	824		
County:	Hudson	Total State Amount:	\$5,647,345

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	50	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.247597
		BDA Points		0
		Transit Villages		10
		TOTAL POINTS		160.247597

**Project Name, Number**

Jersey City Redevelopment Agency  
S340928-25  
Sanitary Sewer System - New

**Priority List Rank**

824

**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
FY16 Rank:	826		
County:	Hudson	Total State Amount:	\$6,614,815

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.038577
		BDA Points		10
		Transit Villages		0
		TOTAL POINTS		160.038577

**Project Name, Number**

Hudson County Improvement Authority  
S340094-01  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

826

**County**

Hudson

**Existing Population**

38,577

**Service Area**

City of Hoboken

**Need for Project**

The project includes rehabilitation of existing structures incorporating water conservation treatment 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 quality water 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
FY16 Rank:	827		
County:	Camden	Total State Amount:	\$66,350,623

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

827

**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 components of the NJDEP approved 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:	New Jersey Water Supply Authority		
Project No.:	S343054-09	Eligible Project Cost:	\$2,725,422
FY16 Rank:	828		
County:	Hunterdon	Total State Amount:	\$2,725,422

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment Plant Improvements	500	0		
SS Rehabilitation	450	0		
Sludge Disposal/Treatment	350	0		
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		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	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
			BDA Points	0
			Transit Villages	0
			<b>TOTAL POINTS</b>	<b>152</b>

**Project Name, Number**

New Jersey Water Supply Authority  
S343054-09  
Open Space Land Acquisition and Conservation

**Priority List Rank**

828

**County**

Hunterdon

**Existing Population**

2,000,000

**Service Area**

The Raritan Basin Lockatong Creek and Wickecheoke Creek watersheds of New Jersey

**Need for Project**

The proposed acquisition and preservation of these parcels will result in the protection and maintenance of water quality of the surface water groundwater and wetland resources of the area on a long-term basis.

**Project Description**

The Authority seeks to preserve seven parcels of land for the purposes of source water protection.

Anticipated Recipient:	New Jersey Water Supply Authority		
Project No.:	S343054-10	Eligible Project Cost:	\$1,366,519
FY16 Rank:	828		
County:	Hunterdon	Total State Amount:	\$1,366,519

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment Plant Improvements	500	0		
SS Rehabilitation	450	0		
Sludge Disposal/Treatment	350	0		
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		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	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
			BDA Points	0
			Transit Villages	0
			<b>TOTAL POINTS</b>	<b>152</b>

**Project Name, Number**

New Jersey Water Supply Authority  
S343054-10  
Open Space Land Acquisition and Conservation

**Priority List Rank**

828

**County**

Hunterdon

**Existing Population**

2,000,000

**Service Area**

The Raritan Basin Lockatong Creek and Wickecheoke Creek watersheds of New Jersey

**Need for Project**

The proposed acquisition and preservation of these parcels will result in the protection and maintenance of water quality of the surface water groundwater and wetland resources of the area on a long-term basis.

**Project Description**

The Authority seeks to preserve seven parcels of land for the purposes of source water protection.

Anticipated Recipient:	Cumberland County Improvement Authority		
Project No.:	S342015-03	Eligible Project Cost:	\$18,954,010
FY16 Rank:	830		
County:	Cumberland	Total State Amount:	\$18,954,010

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

Possible Points  
Points Scored

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
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**

Cumberland County Improvement Authority  
S342015-03  
Landfill Construction

**Priority List Rank**

830

**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
FY16 Rank:	831		
County:	Mercer	Total State Amount:	\$1,122,734

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.350761
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.350761

**Project Name, Number**

Mercer County  
S343004-03  
Open Space Land Acquisition and Conservation

**Priority List Rank**

831

**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
FY16 Rank:	832		
County:	Gloucester	Total State Amount:	\$1,388,163

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.275
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.275

**Project Name, Number**

Gloucester County Improvement Authority  
S342016-01  
Stormwater Management

**Priority List Rank**

832

**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 rehabilitation 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:	Gloucester County Improvement Authority		
Project No.:	S343074-01	Eligible Project Cost:	\$2,049,114
FY16 Rank:	833		
County:	Gloucester	Total State Amount:	\$2,049,114

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.254
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.254

**Project Name, Number**

Gloucester County Improvement Authority  
S343074-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

833

**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 Raccoon 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.

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S342001-02	Eligible Project Cost:	\$5,962,475
FY16 Rank:	834		
County:	Atlantic	Total State Amount:	\$5,962,475

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
		<b>TOTAL POINTS</b>		<b>150.25</b>

**Project Name, Number**

Atlantic County Utilities Authority  
S342001-02  
Landfill Closure

**Priority List Rank**

834

**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.

Anticipated Recipient:	Passaic Valley Water Commission		
Project No.:	S342014-01	Eligible Project Cost:	\$1,645,877
FY16 Rank:	835		
County:	Passaic	Total State Amount:	\$1,645,877

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.22221
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.22221

**Project Name, Number**

Passaic Valley Water Commission  
S342014-01  
Landfill Closure

**Priority List Rank**

835

**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:	\$7,258,000
FY16 Rank:	836		
County:	Sussex	Total State Amount:	\$7,258,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>150.149265</b>

**Project Name, Number**

Sussex County Municipal Utilities Authority  
S342008-04  
Sanitary Sewer System - New

**Priority List Rank**

836

**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 Walkkill WPCF

**Project Description**

This project includes a pumping station and force main to convey landfill leachate to the Upper Walkkill 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 Walkkill 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 SCMUAs Upper Walkkill WPCF.

Anticipated Recipient:	Sussex County Municipal Utilities Authority		
Project No.:	S342008-01	Eligible Project Cost:	\$2,451,173
FY16 Rank:	837		
County:	Sussex	Total State Amount:	\$2,451,173

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment Plant Improvements	500	0		
SS Rehabilitation	450	0		
Sludge Disposal/Treatment	350	0		
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		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>150.130943</b>

**Project Name, Number**

Sussex County Municipal Utilities Authority  
S342008-01  
Landfill Closure

**Priority List Rank**

837

**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.

Anticipated Recipient:	Warren County		
Project No.:	S343035-01	Eligible Project Cost:	\$3,185,630
FY16 Rank:	838		
County:	Warren	Total State Amount:	\$3,185,630

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Warren County  
S343035-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

838

**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
FY16 Rank:	839		
County:	Middlesex	Total State Amount:	\$11,714,265

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.099967
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.099967

**Project Name, Number**

Edison Township  
S342020-01  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

839

**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 geomembrane/geosynthetic 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 disruption/restoration component.

Anticipated Recipient:	Edison Township		
Project No.:	S343027-02	Eligible Project Cost:	\$55,475,226
FY16 Rank:	840		
County:	Middlesex	Total State Amount:	\$55,475,226

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.097687
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.097687

**Project Name, Number**

Edison Township  
S343027-02  
Open Space Land Acquisition and Conservation

**Priority List Rank**

840

**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
FY16 Rank:	841		
County:	Mercer	Total State Amount:	\$1,709,268

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.087109
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.087109

**Project Name, Number**

Hamilton Township  
S343051-02  
Open Space Land Acquisition and Conservation

**Priority List Rank**

841

**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.

Anticipated Recipient:	Brick Township		
Project No.:	S343010-02	Eligible Project Cost:	\$4,345,207
FY16 Rank:	842		
County:	Ocean	Total State Amount:	\$4,345,207

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Brick Township  
S343010-02  
Open Space Land Acquisition and Conservation

**Priority List Rank**

842

**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.

Anticipated Recipient:	Middletown Township		
Project No.:	S343021-02	Eligible Project Cost:	\$3,193,018
FY16 Rank:	843		
County:	Monmouth	Total State Amount:	\$3,193,018

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.066327
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.066327

**Project Name, Number**

Middletown Township  
S343021-02  
Open Space Land Acquisition and Conservation

**Priority List Rank**

843

**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.

Anticipated Recipient:	Old Bridge Township		
Project No.:	S343043-02	Eligible Project Cost:	\$3,997,392
FY16 Rank:	844		
County:	Middlesex	Total State Amount:	\$3,997,392

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.060456
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.060456

**Project Name, Number**

Old Bridge Township  
S343043-02  
Open Space Land Acquisition and Conservation

**Priority List Rank**

844

**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.

Anticipated Recipient:	Gloucester Township		
Project No.:	S343014-01	Eligible Project Cost:	\$1,328,374
FY16 Rank:	845		
County:	Camden	Total State Amount:	\$1,328,374

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.053797
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.053797

**Project Name, Number**

Gloucester Township  
S343014-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

845

**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:	New Jersey Water Supply Authority		
Project No.:	S343055-01	Eligible Project Cost:	\$13,000,360
FY16 Rank:	846		
County:	Monmouth	Total State Amount:	\$13,000,360

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.048903
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.048903

**Project Name, Number**

New Jersey Water Supply Authority  
S343055-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

846

**County**

Monmouth

**Existing Population**

48,903

**Service Area**

Township of Howell

**Need for Project**

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

**Project Description**

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

Anticipated Recipient:	Plainfield City		
Project No.:	S340240-04	Eligible Project Cost:	\$78,934
FY16 Rank:	847		
County:	Union	Total State Amount:	\$78,934

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

847

**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.

Anticipated Recipient:	Washington Township		
Project No.:	S343044-01	Eligible Project Cost:	\$1,019,650
FY16 Rank:	848		
County:	Gloucester	Total State Amount:	\$1,019,650

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

848

**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
FY16 Rank:	849		
County:	Somerset	Total State Amount:	\$21,625,688

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

849

**County**

Somerset

**Existing Population**

42,780

**Service Area**

Township of Franklin

**Need for Project**

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

**Project Description**

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

Anticipated Recipient:	Evesham Township		
Project No.:	S343023-02	Eligible Project Cost:	\$616,010
FY16 Rank:	850		
County:	Burlington	Total State Amount:	\$616,010

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

850

**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 Hamilton-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
FY16 Rank:	851		
County:	Middlesex	Total State Amount:	\$31,783,125

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.040377
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.040377

**Project Name, Number**

Sayreville Borough  
S343075-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

851

**County**

Middlesex

**Existing Population**

40,377

**Service Area**

Borough of Sayreville

**Need for Project**

The owner/developer 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.

Anticipated Recipient:	Howell Township		
Project No.:	S343011-01	Eligible Project Cost:	\$2,049,114
FY16 Rank:	852		
County:	Monmouth	Total State Amount:	\$2,049,114

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

852

**County**

Monmouth

**Existing Population**

38,987

**Service Area**

Township of Howell

**Need for Project**

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

**Project Description**

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

Anticipated Recipient:	Hackensack City		
Project No.:	S343024-01	Eligible Project Cost:	\$735,292
FY16 Rank:	853		
County:	Bergen	Total State Amount:	\$735,292

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

853

**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
FY16 Rank:	854		
County:	Monmouth	Total State Amount:	\$3,997,392

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.036398
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.036398

**Project Name, Number**

Marlboro Township  
S343059-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

854

**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.

Anticipated Recipient:	Evesham Township		
Project No.:	S342003-01	Eligible Project Cost:	\$2,969,927
FY16 Rank:	855		
County:	Burlington	Total State Amount:	\$2,969,927

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

855

**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.

Anticipated Recipient:	Manalapan Township		
Project No.:	S343039-01	Eligible Project Cost:	\$3,471,822
FY16 Rank:	856		
County:	Monmouth	Total State Amount:	\$3,471,822

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.033423
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.033423

**Project Name, Number**

Manalapan Township  
S343039-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

856

**County**

Monmouth

**Existing Population**

33,423

**Service Area**

Township of Manalapan

**Need for Project**

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

**Project Description**

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

Anticipated Recipient:	Mount Laurel Township		
Project No.:	S343015-01	Eligible Project Cost:	\$4,174,867
FY16 Rank:	857		
County:	Burlington	Total State Amount:	\$4,174,867

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment Plant Improvements	500	0		
SS Rehabilitation	450	0		
Sludge Disposal/Treatment	350	0		
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		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>150.03027</b>

**Project Name, Number**

Mount Laurel Township  
S343015-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

857

**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
FY16 Rank:	858		
County:	Monmouth	Total State Amount:	\$2,718,518

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.02471
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.02471

**Project Name, Number**

Freehold Township  
S343018-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

858

**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
FY16 Rank:	859		
County:	Mercer	Total State Amount:	\$8,712,041

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

859

**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.

Anticipated Recipient:	Burlington Township		
Project No.:	S343060-01	Eligible Project Cost:	\$610,884
FY16 Rank:	860		
County:	Burlington	Total State Amount:	\$610,884

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Burlington Township  
S343060-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

860

**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
FY16 Rank:	861		
County:	Morris	Total State Amount:	\$10,903,537

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Randolph Township  
S343007-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

861

**County**

Morris

**Existing Population**

19,974

**Service Area**

Township of Randolph

**Need for Project**

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

**Project Description**

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

Anticipated Recipient:	Morris Township		
Project No.:	S343022-01	Eligible Project Cost:	\$2,718,518
FY16 Rank:	862		
County:	Morris	Total State Amount:	\$2,718,518

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

862

**County**

Morris

**Existing Population**

19,952

**Service Area**

Township of Morris

**Need for Project**

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

**Project Description**

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

Anticipated Recipient:	Point Pleasant Borough		
Project No.:	S343025-01	Eligible Project Cost:	\$654,846
FY16 Rank:	863		
County:	Ocean	Total State Amount:	\$654,846

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.018177
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.018177

**Project Name, Number**

Point Pleasant Borough  
S343025-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

863

**County**

Ocean

**Existing Population**

18,177

**Service Area**

Borough of Point Pleasant

**Need for Project**

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

**Project Description**

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

Anticipated Recipient:	Readington Township		
Project No.:	S343034-04	Eligible Project Cost:	\$14,000,636
FY16 Rank:	864		
County:	Hunterdon	Total State Amount:	\$14,000,636

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment Plant Improvements	500	0		
SS Rehabilitation	450	0		
Sludge Disposal/Treatment	350	0		
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		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>150.015803</b>

**Project Name, Number**

Readington Township  
S343034-04  
Open Space Land Acquisition and Conservation

**Priority List Rank**

864

**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
FY16 Rank:	865		
County:	Hunterdon	Total State Amount:	\$12,493,115

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.012957
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.012957

**Project Name, Number**

Clinton Township  
S343012-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

865

**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
FY16 Rank:	866		
County:	Morris	Total State Amount:	\$11,714,265

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.012898
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.012898

**Project Name, Number**

Hanover Township  
S343003-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

866

**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
FY16 Rank:	867		
County:	Atlantic	Total State Amount:	\$6,614,815

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.012594
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.012594

**Project Name, Number**

Brigantine City  
S343042-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

867

**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
FY16 Rank:	868		
County:	Bergen	Total State Amount:	\$15,516,767

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.012466
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.012466

**Project Name, Number**

Oakland Borough  
S343070-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

868

**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.

Anticipated Recipient:	Burlington County		
Project No.:	S343068-01	Eligible Project Cost:	\$76,721
FY16 Rank:	869		
County:	Burlington	Total State Amount:	\$76,721

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Burlington County  
S343068-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

869

**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 property 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
FY16 Rank:	870		
County:	Somerset	Total State Amount:	\$4,594,151

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Montgomery Township  
S343029-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

870

**County**

Somerset

**Existing Population**

9,612

**Service Area**

Township of Montgomery

**Need for Project**

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

**Project Description**

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

Anticipated Recipient:	River Vale Township		
Project No.:	S343064-01	Eligible Project Cost:	\$6,614,815
FY16 Rank:	871		
County:	Bergen	Total State Amount:	\$6,614,815

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.009449
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.009449

**Project Name, Number**

River Vale Township  
S343064-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

871

**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.

Anticipated Recipient:	Chatham Township		
Project No.:	S343016-01	Eligible Project Cost:	\$2,718,518
FY16 Rank:	872		
County:	Morris	Total State Amount:	\$2,718,518

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.009361
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.009361

**Project Name, Number**

Chatham Township  
S343016-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

872

**County**

Morris

**Existing Population**

9,361

**Service Area**

Township of Chatham

**Need for Project**

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

**Project Description**

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

Anticipated Recipient:	Florham Park Borough		
Project No.:	S343001-01	Eligible Project Cost:	\$9,782,685
FY16 Rank:	873		
County:	Morris	Total State Amount:	\$9,782,685

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

873

**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
FY16 Rank:	874		
County:	Burlington	Total State Amount:	\$13,550,697

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>	Possible Points	Points Scored		
	0-200	0		
<b>II. PROJECT DISCHARGE TYPE</b>	Possible Points	Points Scored		
CSO/SSO	600	0		
Treatment Plant Improvements	500	0		
SS Rehabilitation	450	0		
Sludge Disposal/Treatment	350	0		
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		
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>150.00838</b>

**Project Name, Number**

Bordentown Township  
S343036-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

874

**County**

Burlington

**Existing Population**

8,380

**Service Area**

Township of Bordentown

**Need for Project**

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

**Project Description**

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

Anticipated Recipient:	Byram Township		
Project No.:	S343047-01	Eligible Project Cost:	\$1,915,067
FY16 Rank:	875		
County:	Sussex	Total State Amount:	\$1,915,067

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.008254
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.008254

**Project Name, Number**

Byram Township  
S343047-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

875

**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.

Anticipated Recipient:	Edgewater Park Township		
Project No.:	S343038-01	Eligible Project Cost:	\$147,540
FY16 Rank:	876		
County:	Burlington	Total State Amount:	\$147,540

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.007864
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.007864

**Project Name, Number**

Edgewater Park Township  
S343038-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

876

**County**

Burlington

**Existing Population**

7,864

**Service Area**

Township of Edgewater Park

**Need for Project**

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

**Project Description**

The proposed project includes the purchase of land to preserve open space and to maintain existing groundwater recharge capabilities.

Anticipated Recipient:	Milltown Borough		
Project No.:	S343052-01	Eligible Project Cost:	\$4,653,327
FY16 Rank:	877		
County:	Middlesex	Total State Amount:	\$4,653,327

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.007
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.007

**Project Name, Number**

Milltown Borough  
S343052-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

877

**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
FY16 Rank:	878		
County:	Bergen	Total State Amount:	\$6,863,603

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.006699
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.006699

**Project Name, Number**

Allendale Borough  
S343067-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

878

**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.

Anticipated Recipient:	Mansfield Township		
Project No.:	S343040-01	Eligible Project Cost:	\$1,641,302
FY16 Rank:	879		
County:	Warren	Total State Amount:	\$1,641,302

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

879

**County**

Warren

**Existing Population**

6,653

**Service Area**

Township of Mansfield

**Need for Project**

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

**Project Description**

The proposed project includes the purchase of approximately 60 acres to preserve open space and to protect water quality.

Anticipated Recipient:	Plumsted Township		
Project No.:	S343019-01	Eligible Project Cost:	\$8,879,791
FY16 Rank:	880		
County:	Ocean	Total State Amount:	\$8,879,791

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Plumsted Township  
S343019-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

880

**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
FY16 Rank:	881		
County:	Cumberland	Total State Amount:	\$1,645,877

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

881

**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
FY16 Rank:	882		
County:	Ocean	Total State Amount:	\$19,257,315

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

882

**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.

Anticipated Recipient:	Millstone Township		
Project No.:	S343009-01	Eligible Project Cost:	\$11,714,265
FY16 Rank:	883		
County:	Monmouth	Total State Amount:	\$11,714,265

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
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**

883

**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
FY16 Rank:	884		
County:	Burlington	Total State Amount:	\$3,997,392

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Eastampton Township  
S343026-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

884

**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
FY16 Rank:	885		
County:	Morris	Total State Amount:	\$5,308,104

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

885

**County**

Morris

**Existing Population**

4,537

**Service Area**

Township of Mendham

**Need for Project**

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

**Project Description**

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

Anticipated Recipient:	East Amwell Township		
Project No.:	S343062-01	Eligible Project Cost:	\$500,588
FY16 Rank:	886		
County:	Hunterdon	Total State Amount:	\$500,588

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

886

**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	Eligible Project Cost:	\$5,308,104
Project No.:	S343045-01		
FY16 Rank:	887		
County:	Cape May	Total State Amount:	\$5,308,104

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

887

**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
FY16 Rank:	888		
County:	Hunterdon	Total State Amount:	\$5,570,096

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.003776
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.003776

**Project Name, Number**

High Bridge Borough  
S343072-02  
Open Space Land Acquisition and Conservation

**Priority List Rank**

888

**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
FY16 Rank:	889		
County:	Morris	Total State Amount:	\$1,396,910

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

889

**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
FY16 Rank:	890		
County:	Gloucester	Total State Amount:	\$12,583,490

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
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**

890

**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
FY16 Rank:	891		
County:	Somerset	Total State Amount:	\$1,054,062

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
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**

Peapack Gladstone Borough  
S343049-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

891

**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
FY16 Rank:	892		
County:	Atlantic	Total State Amount:	\$1,572,251

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.001404
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		150.001404

**Project Name, Number**

Estell Manor City  
S342002-01  
Landfill Closure

**Priority List Rank**

892

**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	Eligible Project Cost:	\$10,091,960
Project No.:	S340416-13		
FY16 Rank:	893		
County:	Mercer	Total State Amount:	\$10,091,960

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.085403
		BDA Points		10
		Transit Villages		0
		TOTAL POINTS		135.085403

**Project Name, Number**

Trenton City  
S340416-13  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

893

**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
FY16 Rank:	894		
County:	Camden	Total State Amount:	\$172,309,961

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.079904
		BDA Points		10
		Transit Villages		0
		TOTAL POINTS		135.079904

**Project Name, Number**

Camden Redevelopment Agency  
S340044-01  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

894

**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
FY16 Rank:	895		
County:	Hudson	Total State Amount:	\$2,451,173

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.061842
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		125.061842

**Project Name, Number**

Bayonne Local Redevelopment Authority  
S340051-05  
Stormwater Management

**Priority List Rank**

895

**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
FY16 Rank:	895		
County:	Hudson	Total State Amount:	\$3,471,822

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.061842
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		125.061842

**Project Name, Number**

Bayonne Local Redevelopment Authority  
S340051-06  
Stormwater Management

**Priority List Rank**

895

**County**

Hudson

**Existing Population**

61,842

**Service Area**

Peninsula 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
FY16 Rank:	895		
County:	Hudson	Total State Amount:	\$7,111,175

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.061842
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		125.061842

**Project Name, Number**

Bayonne Local Redevelopment Authority  
S340051-07  
Stormwater Management

**Priority List Rank**

895

**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.:	S340259-13	Eligible Project Cost:	\$107,557,474
FY16 Rank:	898		
County:	Hudson	Total State Amount:	\$107,557,474

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.040684
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		125.040684

**Project Name, Number**

Kearny Town  
S340259-13  
Stormwater Management

**Priority List Rank**

898

**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.

Anticipated Recipient:	Kearny Town		
Project No.:	S340259-12	Eligible Project Cost:	\$961,810
FY16 Rank:	898		
County:	Hudson	Total State Amount:	\$961,810

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		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**

898

**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:	Elizabeth City		
Project No.:	S340942-06	Eligible Project Cost:	\$3,340,073
FY16 Rank:	900		
County:	Union	Total State Amount:	\$3,340,073

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.120568
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		100.120568

**Project Name, Number**

Elizabeth City  
S340942-06  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

900

**County**

Union

**Existing Population**

120,568

**Service Area**

City of Elizabeth

**Need for Project**

A redevelopment project in Elizabeth will eliminate 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
FY16 Rank:	900		
County:	Union	Total State Amount:	\$9,911,578

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.120568
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		100.120568

**Project Name, Number**

Elizabeth City  
S340942-10  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

900

**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 contaminants 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	Eligible Project Cost:	\$2,844,687
Project No.:	S340087-01		
FY16 Rank:	902		
County:	Mercer	Total State Amount:	\$2,844,687

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	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**

Trenton City  
S340087-01  
Stormwater Management - Green Infrastructure

**Priority List Rank**

902

**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 technologies 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
FY16 Rank:	903		
County:	Camden	Total State Amount:	\$45,383,793

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.079904
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		100.079904

**Project Name, Number**

Camden Redevelopment Agency  
S340044-02  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

903

**County**

Camden

**Existing Population**

79,904

**Service Area**

City of Camden

**Need for Project**

A redevelopment project in Camden will eliminate 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
FY16 Rank:	903		
County:	Camden	Total State Amount:	\$13,000,360

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.079904
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		100.079904

**Project Name, Number**

Camden Redevelopment Agency  
S340044-03  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

903

**County**

Camden

**Existing Population**

79,904

**Service Area**

City of Camden

**Need for Project**

A redevelopment project in Camden will eliminate 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:	North Bergen Township		
Project No.:	S340652-08	Eligible Project Cost:	\$3,997,392
FY16 Rank:	905		
County:	Hudson	Total State Amount:	\$3,997,392

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.058092
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		100.058092

**Project Name, Number**

North Bergen Township  
S340652-08  
Stormwater Management

**Priority List Rank**

905

**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 contaminants 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
FY16 Rank:	905		
County:	Hudson	Total State Amount:	\$2,468,581

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.058092
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		100.058092

**Project Name, Number**

North Bergen Municipal Utilities Authority  
S340652-11  
Sewage Treatment Plant (STP) - Expansion

**Priority List Rank**

905

**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
FY16 Rank:	907		
County:	Middlesex	Total State Amount:	\$3,340,073

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.048573
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		100.048573

**Project Name, Number**

New Brunswick City  
S340437-12  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

907

**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:	Asbury Park City		
Project No.:	S340883-08	Eligible Project Cost:	\$63,000,000
FY16 Rank:	908		
County:	Monmouth	Total State Amount:	\$63,000,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.016116
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		100.016116

**Project Name, Number**

Asbury Park City  
S340883-08  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

908

**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**

see attached narrative letter of intent portion

Anticipated Recipient:	Harrison Town		
Project No.:	S340341-05	Eligible Project Cost:	\$31,783,125
FY16 Rank:	909		
County:	Hudson	Total State Amount:	\$31,783,125

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		50
		Population		0.014424
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		100.014424

**Project Name, Number**

Harrison Town  
S340341-05  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

909

**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
FY16 Rank:	910		
County:	Union	Total State Amount:	\$23,069,596

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		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**

910

**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 contaminants and pollute groundwater or the adjacent Newark Bay.

**Project Description**

The proposed project includes installation of stormwater controls.

Anticipated Recipient:	Carteret Borough		
Project No.:	S340939-07	Eligible Project Cost:	\$23,882,313
FY16 Rank:	911		
County:	Middlesex	Total State Amount:	\$23,882,313

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.022844
		BDA Points		10
		Transit Villages		0
		TOTAL POINTS		85.022844

**Project Name, Number**

Carteret Borough  
S340939-07  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

911

**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.

Anticipated Recipient:	Salem County Improvement Authority		
Project No.:	S342022-01	Eligible Project Cost:	\$8,840,401
FY16 Rank:	912		
County:	Salem	Total State Amount:	\$8,840,401

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Salem County Improvement Authority  
S342022-01  
Landfill Construction

**Priority List Rank**

912

**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.

Anticipated Recipient:	Morris County	Eligible Project Cost:	\$13,000,360
Project No.:	S340107-01		
FY16 Rank:	913		
County:	Morris	Total State Amount:	\$13,000,360

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Morris County  
S340107-01  
Stormwater Management

**Priority List Rank**

913

**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.:	S342024-01	Eligible Project Cost:	\$7,513,687
FY16 Rank:	914		
County:	Gloucester	Total State Amount:	\$7,513,687

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

914

**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.

Anticipated Recipient:	Gloucester County Improvement Authority		
Project No.:	S342016-02	Eligible Project Cost:	\$5,962,475
FY16 Rank:	915		
County:	Gloucester	Total State Amount:	\$5,962,475

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.275
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		75.275

**Project Name, Number**

Gloucester County Improvement Authority  
S342016-02  
Landfill Construction

**Priority List Rank**

915

**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
FY16 Rank:	916		
County:	Cumberland	Total State Amount:	\$25,607,620

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

Possible Points  
Points Scored

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	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**

916

**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 at 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
FY16 Rank:	916		
County:	Cumberland	Total State Amount:	\$2,049,114

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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  
S342015-02  
Stormwater Management

**Priority List Rank**

916

**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:	\$12,406,000
FY16 Rank:	918		
County:	Sussex	Total State Amount:	\$12,406,000

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		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**

918

**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:	Two Rivers Water Reclamation Authority		
Project No.:	S340117-06	Eligible Project Cost:	\$14,826,569
FY16 Rank:	919		
County:	Monmouth	Total State Amount:	\$14,826,569

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	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**

919

**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.

Anticipated Recipient:	Cape May County Municipal Utilities Authority		
Project No.:	S342017-02	Eligible Project Cost:	\$6,354,123
FY16 Rank:	920		
County:	Cape May	Total State Amount:	\$6,354,123

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Cape May County Municipal Utilities Authority  
S342017-02  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

920

**County**

Cape May

**Existing Population**

97,265

**Service Area**

Cape May County MUA - Wildwood Lower Region and CMCMUA - Seven Mile Middle 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:	Cape May County Municipal Utilities Authority		
Project No.:	S342017-04	Eligible Project Cost:	\$5,617,822
FY16 Rank:	920		
County:	Cape May	Total State Amount:	\$5,617,822

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	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**

Cape May County Municipal Utilities Authority  
S342017-04  
Landfill Construction

**Priority List Rank**

920

**County**

Cape May

**Existing Population**

97,265

**Service Area**

n/a

**Need for Project**

n/a

**Project Description**

(Carryover SFY2015) - The project will include the construction of a double lined landfill Cell 2G comprising 19 acres the reconfiguration of drainage into a Pinelands approved stormwater management system and the filling of a current sedimentation basin to serve as the structural basis for the liner. This will then facilitate the exhumation of an 18 acre cell that is non-compliant with subtitle D regs. This project incorporates several environmental improvements for protection of the groundwater and improved stormwater management practices. Stormwater for approximately one half of the current lined landfill empties into a 10 acre sedimentation basin the bottom elevation of which extends into the groundwater table. As part of this project this stormwater will now be directed into a Pinelands approved sedimentation basin whose bottom will be above groundwater levels before being allowed to flow into a newly constructed deep basin. A reconfigured access road is incorporated into the design of this cell. This configured entrance roadway will incorporate into its design a stormwater infiltration trench for the entire length of this entrance road. Secondly this new cell will be comprised of a double composite liner with leak detection zones to insure the protection of the underlying groundwater. Additionally the design incorporates the maximizing of vertical expansion by use of a perimeter wall thus minimizing the footprint over which this cell will reside. Lastly the construction of this cell is purposely focused to facilitate the exhumation of an old adjacent 18 acre cell. This cell was the first cell constructed at this facility in 1984 and is not compliant with Subtitle D requirements for bottom liners. The waste from this Cell B will be exhumed screened for recyclables and dirt then residuals are placed in the newly constructed Cell 2G. This will allow reconstruction of this old cell to bring it into compliance with all regulation requirements including Subtitle D.

Anticipated Recipient:	Perth Amboy Redevelopment Agency		
Project No.:	S340435-07	Eligible Project Cost:	\$36,825,064
FY16 Rank:	922		
County:	Middlesex	Total State Amount:	\$36,825,064

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.047303
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		75.047303

**Project Name, Number**

Perth Amboy Redevelopment Agency  
S340435-07  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

922

**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 contaminants 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.

Anticipated Recipient:	Orange City		
Project No.:	S340859-02	Eligible Project Cost:	\$6,039,749
FY16 Rank:	923		
County:	Essex	Total State Amount:	\$6,039,749

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Orange City  
S340859-02  
Stormwater Management

**Priority List Rank**

923

**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
FY16 Rank:	924		
County:	Mercer	Total State Amount:	\$18,347,670

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.029159
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		75.029159

**Project Name, Number**

Lawrence Township  
S340395-02  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

924

**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:	East Amwell Township		
Project No.:	S340037-01	Eligible Project Cost:	\$639,645
FY16 Rank:	925		
County:	Hunterdon	Total State Amount:	\$639,645

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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
			<b>TOTAL POINTS</b>	<b>75.004455</b>

**Project Name, Number**

East Amwell Township  
S340037-01  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

925

**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:	Milltown Borough		
Project No.:	S340102-01	Eligible Project Cost:	\$19,440,809
FY16 Rank:	926		
County:	Middlesex	Total State Amount:	\$19,440,809

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		15
		Population		0.006893
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		65.006893

**Project Name, Number**

Milltown Borough  
S340102-01  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

926

**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
FY16 Rank:	926		
County:	Middlesex	Total State Amount:	\$5,190,428

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		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**

926

**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:	Pennsauken Township		
Project No.:	S340349-04	Eligible Project Cost:	\$55,431,119
FY16 Rank:	928		
County:	Camden	Total State Amount:	\$55,431,119

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.035737
		BDA Points		10
		Transit Villages		0
		TOTAL POINTS		60.035737

**Project Name, Number**

Pennsauken Township  
S340349-04  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

928

**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:	South Orange Village		
Project No.:	S340103-01	Eligible Project Cost:	\$2,049,114
FY16 Rank:	929		
County:	Essex	Total State Amount:	\$2,049,114

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.016964
		BDA Points		0
		Transit Villages		10
		TOTAL POINTS		60.016964

**Project Name, Number**

South Orange Village  
S340103-01  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

929

**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.

Anticipated Recipient:	Woodbridge Township		
Project No.:	S340433-10	Eligible Project Cost:	\$9,943,795
FY16 Rank:	930		
County:	Middlesex	Total State Amount:	\$9,943,795

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.097203
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		50.097203

**Project Name, Number**

Woodbridge Township  
S340433-10  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

930

**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
FY16 Rank:	931		
County:	Middlesex	Total State Amount:	\$19,257,315

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.047303
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		50.047303

**Project Name, Number**

Perth Amboy Redevelopment Agency  
S340435-08  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

931

**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
FY16 Rank:	932		
County:	Bergen	Total State Amount:	\$9,589,269

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<b>A. Water Use</b>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Hackensack City  
S340923-09  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

932

**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:	Sayreville Economic & Redevelopment Agency		
Project No.:	S340134-01	Eligible Project Cost:	\$50,664,200
FY16 Rank:	933		
County:	Middlesex	Total State Amount:	\$50,664,200

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<b>A. Water Use</b>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<b>B. Existing Water Quality</b>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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**

Sayreville Economic & Redevelopment Agency  
S340134-01  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

933

**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 approximately 400 acre waterfront tract that requires infrastructure and environmental remediation to clean up groundwater and radiological soils and other contaminants that potentially affect ground and surface waters.

Anticipated Recipient:	Linden City	Eligible Project Cost:	\$5,882,578
Project No.:	S340679-02		
FY16 Rank:	934		
County:	Union	Total State Amount:	\$5,882,578

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.039394
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		50.039394

**Project Name, Number**

Linden City  
S340679-02  
Stormwater Management

**Priority List Rank**

934

**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
FY16 Rank:	935		
County:	Essex	Total State Amount:	\$7,478,656

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.035928
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		50.035928

**Project Name, Number**

Belleville Township  
S340243-01  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

935

**County**

Essex

**Existing Population**

35,928

**Service Area**

Belleville 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 contaminants 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:	Union County Improvement Authority		
Project No.:	S340113-01	Eligible Project Cost:	\$1,847,907
FY16 Rank:	936		
County:	Union	Total State Amount:	\$1,847,907

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.022732
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		50.022732

**Project Name, Number**

Union County Improvement Authority  
S340113-01  
Stormwater Management

**Priority List Rank**

936

**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 many 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 flooding 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:	Phillipsburg Redevelopment Authority		
Project No.:	S340874-06	Eligible Project Cost:	\$9,215,958
FY16 Rank:	937		
County:	Warren	Total State Amount:	\$9,215,958

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200  
Points Scored 0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	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**

Phillipsburg Redevelopment Authority  
S340874-06  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

937

**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 detention/infiltration 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:	Somerville Borough		
Project No.:	S342013-01	Eligible Project Cost:	\$10,684,529
FY16 Rank:	938		
County:	Somerset	Total State Amount:	\$10,684,529

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		0.012423
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		50.012423

**Project Name, Number**

Somerville Borough  
S342013-01  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

938

**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:	Teterboro Borough		
Project No.:	S340339-02	Eligible Project Cost:	\$21,889,460
FY16 Rank:	939		
County:	Bergen	Total State Amount:	\$21,889,460

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>		Possible Points	Points Scored	
<u>A. Water Use</u>				
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	1.8E-5
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.000018

**Project Name, Number**

Teterboro Borough  
S340339-02  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

939

**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
FY16 Rank:	939		
County:	Bergen	Total State Amount:	\$33,535,341

<b>I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES</b>		Possible Points	Points Scored	
		0-200	0	
<b>II. PROJECT DISCHARGE TYPE</b>		Possible Points	Points Scored	
CSO/SSO		600	0	
Treatment Plant Improvements		500	0	
SS Rehabilitation		450	0	
Sludge Disposal/Treatment		350	0	
WW Reuse		300	0	
Septic Repair		275	0	
New Systems		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	
<b>III. WATER USE/WATER QUALITY POINTS</b>				
<u>A. Water Use</u>		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0/0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0
		Population		1.8E-5
		BDA Points		0
		Transit Villages		0
		TOTAL POINTS		50.000018

**Project Name, Number**

Teterboro Borough  
S340339-03  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

939

**County**

Bergen

**Existing Population**

18

**Service Area**

Teterboro Borough

**Need for Project**

A redevelopment project in Teterboro will eliminate 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 eliminate an existing combined system.

**Project Description**

The proposed project includes construction of stormwater management controls and a sanitary sewer conveyance system.