

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.

| CWSRF Program Schedule (FFY16/SFY17) | |
|---|-----------------|
| Activity | Deadline |
| 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 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.

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

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 |
| FY2015 CWSRF Grant | \$50.0M |
| 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 |
| <u>FY2016 CWSRF Grant (Projected)</u> | <u>\$ 50.0M</u> |
| 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) 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.

| 2017 Financing Program Schedule for Clean Water Projects | |
|---|---------------|
| Date | Action |

| | |
|------------------------------------|--|
| 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.

| Table IA. Ranking Points Related to Project Discharge Category For Wastewater Treatment Facilities | | |
|---|---|---------------|
| Project Discharge Category | Description | Points |
| Combined Sewer Overflow (CSO) & Sanitary Sewer Overflow (SSO) | 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.

| Table IB. Ranking Points Related to Project Categories for Stormwater and Nonpoint Source Pollution Management Facilities | | |
|--|--|---------------|
| Project Category | Description | Points |
| Stormwater Management and Other NPS activities | 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.

| Table II. Ranking Points Related to Water Use (Existing and Potential) | | |
|---|-----------|---|
| Water Use | | Basis/Description |
| 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. |
| 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). |
| Fishing | Shellfish | State water bodies that are designated as shellfish growing waters by <i>N.J.A.C. 7:12</i> . |
| | Trout | State freshwater bodies designated for trout production or maintenance by the NJ Water Quality Standards (<i>N.J.A.C. 7:9B</i>). |
| | Non-trout | State freshwater classifications not designated trout production or maintenance by <i>N.J.A.C. 7:9B</i> (see Trout description above), including all Delaware River freshwater zones above mile-point 85 as defined by the Delaware River Basin Commission. |

| | | |
|-----------------|---|----|
| Public Nuisance | Indirect water use impacts; applies to areas with identified on-site wastewater treatment system failures. | 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.

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

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

D. Smart Growth Approvals

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.

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

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

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 .

APPENDIX 3: CWSRF Term Financing Criteria



New Jersey
Environmental
Infrastructure Trust



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
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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 |

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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

| | | | | | | | | | | |
|----|---|--------------|-------------|-------------|--------------|--------------|-------------|---|--------------|-----------------------|
| 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
Cat 5 - Correction of Combined Sewer Overflows

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 7 - Nonpoint Source Management

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

Cat 3 - Sewer System Rehabilitation
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
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

| | | | | | | | | | | |
|-----|---|---|---|--------------|-----------|---|-----------|---|--------------|-----------------------|
| 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 7 - Nonpoint Source Management

Cat 2 - Advanced Treatment
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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 |

Cat 1 - Secondary/Sludge/Septage Treatment
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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
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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

| | | | | | | | | | | |
|-----|---|---|---|-------------|--------------|---|-----------|---|--------------|-----------------------|
| 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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| | | | | | | | | | | |
|-----|---|---------------|---|-------------|--------------|---|-------------|---|---------------|------------------------|
| 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 |

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|-----|--|--------------|-------------|-----------|--------------|---|--------------|-----------|--------------|-----------------------|
| 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 |

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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 Bloomingtondale 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 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 |

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

| | | | | | | | | | | |
|-----|--|---|---|--------------|-------------|-------------|--------------|---|--------------|-----------------------|
| 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
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| | | | | | | | | | | |
|-----|--|--------------|--------------|-------------|--------------|---|-------------|---|--------------|-----------------------|
| 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
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| | | | | | | | | | | |
|-----|--|---|-----------|-----------|-------------|---|--------------|-----------|--------------|-----------------------|
| 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 |

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|-----|---|---|---|---|---|---|--------------|--------------|--------------|-----------------------|
| 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
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

| | | | | | | | | | | |
|-----|---|---|---|---|---|---|-------------|---|-------------|----------------------|
| 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
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

| | | | | | | | | | | |
|-----|--|---|---|-----------|---|---|-------------|-----------|-------------|----------------------|
| 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 |

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

Cat 2 - Advanced Treatment
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Cat 6 - Stormwater Management

| | | | | | | | | | | |
|-----|---|-------------|---|---|---|---|--------------|--------------|--------------|-----------------------|
| 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 7 - Nonpoint Source Management

Cat 2 - Advanced Treatment
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Cat 3 - Sewer System Rehabilitation
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 |

Cat 1 - Secondary/Sludge/Septage Treatment
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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 |

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

| | | | | | | | | | | |
|-----|--|---|---|---|---|---|-----------|--------------|--------------|-----------------------|
| 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 |

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

| | | | | | | | | | | |
|-----|--|-------------|---|---|--------------|---|---------------|-------------|---------------|------------------------|
| 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 |
|-----|---------------------------------|---|---|---|----------------|---|---|--------------|-----------------------|

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 | Points Scored |
| 0-200 | 50 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 600 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 650 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 25 |
| Subtotal | | | | 125 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.513657 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 1100.513657 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 600 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 650 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 25 |
| Subtotal | | | | 125 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.508932 |
| BDA Points | | | | 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 |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 600 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 650 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 25 |
| Subtotal | | | | 125 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.508932 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 1050.508932 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

| | | |
|---------------------------------------|-----------------|---------------|
| <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 |

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 | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

| <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 |

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

Rahway Valley Sewerage Authority
S340547-13
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

| <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 |

B. Existing Water Quality

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

Project Name, Number

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

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

| | | |
|---------------------------------------|-----------------|---------------|
| <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 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 25 |
| | | | Subtotal | 175 |
| | | | State Planning Commission | 25 |
| | | | Population | 0.00599 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 1050.00599 |

Project Name, Number

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 | | |
| Project No.: | S340815-27 | Eligible Project Cost: | \$3,273,457 |
| FY16 Rank: | 9 | | |
| County: | Essex | Total State Amount: | \$3,273,457 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 100 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | 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 | Points Scored |
| 0-200 | 100 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 600 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 650 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

Newark City
S340815-25
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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 500 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 550 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 25 |
| Subtotal | | | | 225 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.01953 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 1025.01953 |

Project Name, Number

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 mgl mgl Lower Township STP (NJ0023809) 4.0 1.44 91.4 18.52 93.4 12.62

Project Description

The proposed solution is to construct a sand filter with an 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

| | | |
|---------------------------------------|-----------------|---------------|
| <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 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

| <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 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 25 |
| | | | Subtotal | 125 |
| | | | State Planning Commission | 50 |
| | | | Population | 0.508932 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 1000.508932 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 100 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

Project Name, Number

Newark City
S340815-22
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 | | |
| Project No.: | S340815-24 | Eligible Project Cost: | \$19,257,315 |
| FY16 Rank: | 17 | | |
| County: | Essex | Total State Amount: | \$19,257,315 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 100 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

Project Name, Number

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 | Points Scored |
| 0-200 | 100 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 600 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 650 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

Newark City
S340815-26
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

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 inoperable 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

Project Name, Number

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

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

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

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

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

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

Project Name, Number

Elizabeth City
S340942-19
Stormwater Management

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 200 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.867708 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 500 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 550 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 25 |
| Subtotal | | | | 125 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.508932 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 950.508932 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

| | | |
|---------------------------------------|-----------------|---------------|
| <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 |

B. Existing Water Quality

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

Project Name, Number

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

Project Description

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

| | | | |
|------------------------|--|------------------------|--------------|
| Anticipated Recipient: | North Bergen Municipal Utilities Authority | | |
| Project No.: | S340652-14 | Eligible Project Cost: | \$16,657,750 |
| FY16 Rank: | 29 | | |
| County: | Hudson | Total State Amount: | \$16,657,750 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

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 Bergens Central Treatment Plant to the Northwest Interceptor in Jersey City and ultimately to the PVSC Treatment Plant.

| | | | |
|------------------------|--------------|------------------------|-------------|
| Anticipated Recipient: | Hoboken City | | |
| Project No.: | S340635-08 | Eligible Project Cost: | \$6,600,000 |
| FY16 Rank: | 31 | | |
| County: | Hudson | Total State Amount: | \$6,600,000 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 100 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 600 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 650 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 150 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.050005 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 950.050005 |

Project Name, Number

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

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 50 |
| Nutrients | 0 | 25 | 50 | 25 |
| Toxics | 0 | 25 | 50 | 25 |
| Subtotal | | | | 200 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.013407 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 950.013407 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

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

| | | | |
|------------------------|---|------------------------|-------------|
| Anticipated Recipient: | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

Jersey City Municipal Utilities Authority
S340928-14
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 Fairmont 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

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

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

Jersey City Municipal Utilities Authority
S340928-16
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

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

Priority List Rank

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

Project Name, Number

Jersey City Municipal Utilities Authority
S340928-18
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

Jersey City Municipal Utilities Authority
S340928-19
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

Jersey City Municipal Utilities Authority
S340928-20
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

Jersey City Municipal Utilities Authority
S340928-13
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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

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

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 600 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 650 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

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

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 600 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 650 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

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

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

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

Project Name, Number

Elizabeth City
S340942-15
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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 200 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.061842 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 900.061842 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 200 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.061842 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 900.061842 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 200 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.040684 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 900.040684 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 200 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.040684 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 900.040684 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 200 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.040684 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 900.040684 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 250 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.012873 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 900.012873 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 250 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.012729 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 900.012729 |

Project Name, Number

Ridgefield Park Village

S345230-01

Combined Sewer Overflow (CSO) - Traditional Infrastructure

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| | | | Subtotal | 200 |
| | | | State Planning Commission | 50 |
| | | | Population | 0.008268 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 900.008268 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

| <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 | 0/25 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 150 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 50 |
| | | | Subtotal | 250 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.005 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 900.005 |

Project Name, Number

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 mgl mgl
Medford Lakes Borough (NJ0021326) 0.55 0.41 89.7 19.3 95.6 5.1

Project Description

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

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

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 25 |
| | | | Subtotal | 175 |
| | | | State Planning Commission | 50 |
| | | | Population | 0.146199 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 875.146199 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 50 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 25 |
| Subtotal | | | | 225 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00869 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 875.00869 |

Project Name, Number

Jefferson Township
S340747-05
Sanitary Sewer System - New

Priority List Rank

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 mgd mgd 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 25 |
| Toxics | 0 | 25 | 50 | 25 |
| | | | Subtotal | 150 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.00489 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 875.00489 |

Project Name, Number

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 Flow Effluent 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 7.4 North Warren Regional High School (Secondary) (NJ0031046) 0.005 0.007 92.8 15.8 94.0 9.7

Project Description

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

| | | | |
|------------------------|----------------------------------|------------------------|-------------|
| Anticipated Recipient: | Ocean County Utilities Authority | | |
| Project No.: | S340372-56 | Eligible Project Cost: | \$6,223,655 |
| FY16 Rank: | 64 | | |
| County: | Ocean | Total State Amount: | \$6,223,655 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 100 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.6 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 850.6 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| Possible Points | Points Scored |
|-----------------|---------------|
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| Possible Points | Points Scored |
|-----------------|---------------|
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 100 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.478 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 850.478 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 100 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.478 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 850.478 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

| | | |
|---------------------------------------|-----------------|---------------|
| <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 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 50 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 100 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.25 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 850.25 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 50 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 100 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.25 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 850.25 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

| | | |
|---------------------------------------|-----------------|---------------|
| <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 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 50 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 100 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.25 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 850.25 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

| | | |
|---------------------------------------|-----------------|---------------|
| <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 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 50 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 100 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.25 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 850.25 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 200 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.19444 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 850.19444 |

Project Name, Number

Hudson County Improvement Authority
S340399-09
Combined Sewer Overflow (CSO) - Traditional Infrastructure

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 100 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.127 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 850.127 |

Project Name, Number

Two Rivers Water Reclamation Authority
S340117-07
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 100 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.078706 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 850.078706 |

Project Name, Number

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 |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 100 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.066522 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 850.066522 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 200 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.06 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 850.06 |

Project Name, Number

Linden Roselle Sewer Authority
S340299-04
Interconnection

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 600 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 650 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 150 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.050005 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 850.050005 |

Project Name, Number

Hoboken City
S340635-05
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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 600 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 650 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 150 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.050005 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 850.050005 |

Project Name, Number

Hoboken City
S340635-06
Combined Sewer Overflow (CSO) - Green Infrastructure

Priority List Rank

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 NHSA combined sewer system. Additionally, the sub-surface component will serve the North End Redevelopment area, which is bounded by 17th Street to the North, 14th Street to the South, Park Ave to the east, and the Palisades to the west.

Need for Project

The proposed design for 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 600 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 650 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 150 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.050005 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 850.050005 |

Project Name, Number

Hoboken City
S340635-07
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 | | |
| Project No.: | S340635-04 | Eligible Project Cost: | \$15,227,976 |
| FY16 Rank: | 76 | | |
| County: | Hudson | Total State Amount: | \$15,227,976 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 600 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, 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

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

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| | | | Subtotal | 250 |
| | | | State Planning Commission | 50 |
| | | | Population | 0.046 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 850.046 |

Project Name, Number

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 thickening storage 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 200 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.02486 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 850.02486 |

Project Name, Number

Ridgewood Village
S340639-05
Sanitary Sewer System Rehabilitation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 200 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.023594 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 850.023594 |

Project Name, Number

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 |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 500 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| | Subtotal | 550 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 100 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.005 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 850.005 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 50 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 100 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.002775 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 850.002775 |

Project Name, Number

Riverton Borough
S340275-01
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 600 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 650 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.050814 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 825.050814 |

Project Name, Number

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 citys 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 50 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 25 |
| Subtotal | | | | 125 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.01671 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 825.01671 |

Project Name, Number

Jefferson Township
S340747-02
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 25 |
| Subtotal | | | | 275 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00315 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 825.00315 |

Project Name, Number

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 | Points Scored |
| 0-200 | 50 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 600 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 650 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 150 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.2 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 800.2 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 150 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.2 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 800.2 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 150 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.2 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 800.2 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| | | | Subtotal | 150 |
| | | | State Planning Commission | 50 |
| | | | Population | 0.2 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 800.2 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| | | | Subtotal | 150 |
| | | | State Planning Commission | 50 |
| | | | Population | 0.2 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 800.2 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 150 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.2 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 800.2 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 150 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.2 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 800.2 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 150 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.2 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 800.2 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 150 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.2 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 800.2 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| | | | Subtotal | 150 |
| | | | State Planning Commission | 50 |
| | | | Population | 0.2 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 800.2 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 150 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.180687 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 800.180687 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 150 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.180687 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 800.180687 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 150 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.180687 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 800.180687 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 150 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.180687 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 800.180687 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 25 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 25 |
| State Planning Commission | | | | 25 |
| Population | | | | 0.030719 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 800.030719 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 100 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.01166 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 800.01166 |

Project Name, Number

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-nontrot uses as well as contributing to fecal coliform violations. The Hillcrest pumping station contains an overflow and requires rehabilitation.

Project Description

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

| | | | |
|------------------------|------------------------------|------------------------|-----------|
| Anticipated Recipient: | Riverside Sewerage Authority | | |
| Project No.: | S340490-01 | Eligible Project Cost: | \$410,205 |
| FY16 Rank: | 105 | | |
| County: | Burlington | Total State Amount: | \$410,205 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.008079 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 10 |
| TOTAL POINTS | | | | 800.008079 |

Project Name, Number

Riverside Sewerage Authority
S340490-01
Sludge Treatment/Disposal Facilities

Priority List Rank

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 600 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 650 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 50 |
| Population | | | | 1.35 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 776.35 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 600 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 650 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 50 |
| Population | | | | 1.35 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 776.35 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 200 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.09542 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 775.09542 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| | | | Subtotal | 50 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.050814 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 775.050814 |

Project Name, Number

Perth Amboy City
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.050814 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 775.050814 |

Project Name, Number

Perth Amboy City
S340435-12
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 600 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 650 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.050814 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 825.050814 |

Project Name, Number

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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 600 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 0 | |
| Stormwater/NPS Management | | 225 | 0 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 600 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 125 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 125 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| | | Subtotal | | 50 |
| | | State Planning Commission | | 0 |
| | | Population | | 0.050814 |
| | | BDA Points | | 0 |
| | | Transit Villages | | 0 |
| | | TOTAL POINTS | | 775.050814 |

Project Name, Number

Perth Amboy City
S340435-11
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.050814 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 775.050814 |

Project Name, Number

Perth Amboy City
S340435-15
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.050814 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 775.050814 |

Project Name, Number

Perth Amboy City
S340435-16
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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|------|
| Potable Water Supply | 200 | 200 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 75/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 275 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.02585 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 775.02585 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 200 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 75/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 275 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.02585 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 775.02585 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 600 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 650 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.247597 |
| 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 | Points Scored |
| 0-200 | 50 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 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 | Points Scored |
| 0-200 | 50 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 50 |
| Nutrients | 0 | 25 | 50 | 25 |
| Toxics | 0 | 25 | 50 | 25 |
| Subtotal | | | | 100 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.04301 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 10 |
| TOTAL POINTS | | | | 760.04301 |

Project Name, Number

Hackensack City
S340923-12
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.163667 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 750.163667 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 100 |
| State Planning Commission | | | | 25 |
| Population | | | | 0.156898 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 750.156898 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| | | | Subtotal | 200 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.117 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 750.117 |

Project Name, Number

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 | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.093 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 750.093 |

Project Name, Number

Rockaway Valley Regional Sewer Authority
S340821-04
Sewage Treatment Plant (STP) - Expansion

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.034727 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 750.034727 |

Project Name, Number

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 Authoritys treatment plant has struggled to meet the permit limitatoinis for the toxicity of its discharge.

Project Description

The proposed project includes installation of a BIOFOR-N biological aeration system to provide tertiary for the Authoritys 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 200 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.02867 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 750.02867 |

Project Name, Number

Evesham Municipal Utilities Authority
S340463-05
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 100 |
| | | | State Planning Commission | 25 |
| | | | Population | 0.0284 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 750.0284 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 200 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.01 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 750.01 |

Project Name, Number

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 Authoritys effluent and also improve the method by which the effluent is discharged into the Hudson River.

Project Description

The proposed project includes installation of an automated filtering system to remove particles 20 microns or larger and an extension of the treatment facilitys outfall pipe further into the Hudson River to provide an adequate mixing zone.

| | | | |
|------------------------|------------------------------------|------------------------|---------------|
| Anticipated Recipient: | 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| | | | Subtotal | 50 |
| | | | State Planning Commission | 50 |
| | | | Population | 1.35 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 726.35 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 150 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00398 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 750.00398 |

Project Name, Number

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 mg/l mg/l 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.016896 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 740.016896 |

Project Name, Number

Delran Township
S340794-08
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 50 |
| Population | | | | 1.490904 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 726.490904 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| | | | Subtotal | 50 |
| | | | State Planning Commission | 50 |
| | | | Population | 1.490904 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 726.490904 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 50 |
| Population | | | | 1.490904 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 726.490904 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater 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
S340689-43
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 50 |
| Population | | | | 1.490904 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 726.490904 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| | | | Subtotal | 50 |
| | | | State Planning Commission | 50 |
| | | | Population | 1.490904 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 726.490904 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| | | | Subtotal | 50 |
| | | | State Planning Commission | 50 |
| | | | Population | 1.490904 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 726.490904 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 50 |
| Population | | | | 1.490904 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 726.490904 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 50 |
| Population | | | | 1.490904 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 726.490904 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 50 |
| Population | | | | 1.409904 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 726.409904 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 50 |
| Population | | | | 1.35 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 726.35 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

| <u>A. Water Use</u> | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater 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
S340689-24
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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| | | | Subtotal | 50 |
| | | | State Planning Commission | 50 |
| | | | Population | 1.35 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 726.35 |

Project Name, Number

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 PVSC's 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| | | | Subtotal | 50 |
| | | | State Planning Commission | 50 |
| | | | Population | 1.35 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 726.35 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 50 |
| Population | | | | 1.35 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 726.35 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| | | | Subtotal | 50 |
| | | | State Planning Commission | 50 |
| | | | Population | 1.35 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 726.35 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 50 |
| Population | | | | 1.35 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 726.35 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 50 |
| Population | | | | 1.35 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 726.35 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 50 |
| Population | | | | 1.35 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 726.35 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 50 |
| Population | | | | 1.35 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 726.35 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 50 |
| Population | | | | 1.35 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 726.35 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 50 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 100 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.163667 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 725.163667 |

Project Name, Number

Atlantic County Utilities Authority
S340809-09
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 50 |
| | | | Subtotal | 200 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.075 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 725.075 |

Project Name, Number

Northwest Bergen County Utilities Authority
S340700-16
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 200 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.075 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 725.075 |

Project Name, Number

Northwest Bergen County Utilities Authority
S340700-13
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 500 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 550 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 150 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.023401 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 725.023401 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 25 |
| Subtotal | | | | 175 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.015 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 725.015 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 500 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 550 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 150 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.008788 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 725.008788 |

Project Name, Number

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 Harrisons treatment facility more energy efficient. A new storage facility will protect equipment and vehicles from the elements and extend their useful life.

Project Description

The proposed project includes installation of solar panels and a new storage facility at the treatment plant.

| | | | |
|------------------------|---------------------------------------|------------------------|-------------|
| Anticipated Recipient: | Gloucester County Utilities Authority | | |
| Project No.: | S340526-06 | Eligible Project Cost: | \$2,294,564 |
| FY16 Rank: | 159 | | |
| County: | Gloucester | Total State Amount: | \$2,294,564 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 50 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 25 |
| Subtotal | | | | 175 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00531 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 725.00531 |

Project Name, Number

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 mgl mgl Gibbstown(Secondary)(NJ0030333) 1.0 0.77 92.2 19.8 89 25.7

Project Description

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

| | | | |
|------------------------|---|------------------------|-------------|
| Anticipated Recipient: | 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

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

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 600 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 650 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.49114 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 15 |
| | | | Population | 0.011456 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 665.011456 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | 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
S340958-08
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.49114 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 650.49114 |

Project Name, Number

Bergen County Utilities Authority

S340386-09

Combined Sewer Overflow (CSO) - Traditional Infrastructure

Priority List Rank

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

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.49114 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 650.49114 |

Project Name, Number

Bergen County Utilities Authority
S340386-11
Sludge Treatment/Disposal Facilities

Priority List Rank

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, Tenaflly, 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.49114 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 650.49114 |

Project Name, Number

Bergen County Utilities Authority
S340386-12
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.49114 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 650.49114 |

Project Name, Number

Bergen County Utilities Authority
S340386-18
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.49114 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 650.49114 |

Project Name, Number

Bergen County Utilities Authority
S340386-16
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.49114 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 650.49114 |

Project Name, Number

Bergen County Utilities Authority
S340386-15
Alternative Energy

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

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.49114 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 650.49114 |

Project Name, Number

Bergen County Utilities Authority
S340386-14
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 50 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.001 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 650.001 |

Project Name, Number

Mansfield Township
S340935-01
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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 | 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 | 0 |
| 125 | 0 |
| 75/25 | 0/25 |
| 50 | 0 |
| 25 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 100 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 100 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.014595 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 640.014595 |

Project Name, Number

Cinnaminson Sewerage Authority
S340170-07
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| | | | Subtotal | 50 |
| | | | State Planning Commission | 50 |
| | | | Population | 1.35 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 626.35 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| | | | Subtotal | 50 |
| | | | State Planning Commission | 50 |
| | | | Population | 1.35 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 626.35 |

Project Name, Number

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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 0 | |
| Stormwater/NPS Management | | 225 | 225 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 300 | |
| Green Infrastructure | | 50 | 50 | |
| | | Subtotal | 575 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 100 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.023324 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 625.023324 |

Project Name, Number

Roxbury Township
S340381-07
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 100 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.0225 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 100 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.022185 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 625.022185 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.013299 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 625.013299 |

Project Name, Number

Clinton Town
S340924-05
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 100 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.003877 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 625.003877 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 500 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 550 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.2 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 615.2 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 500 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 550 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.478 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 600.478 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 100 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 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 mason dump trucks 6 crew cab pick up trucks 3 backhoes 1 mini excavator 2 utility trucks 4 mini vans 4 suvs 1 cctv equipment trucks and other equipment such as rodder jetters tampers jack hammers & pumps required for the operation and maintenance of sewer system throughout the City of Newark.

| | | | |
|------------------------|-------------|------------------------|-------------|
| Anticipated Recipient: | Newark City | | |
| Project No.: | S340815-19 | Eligible Project Cost: | \$4,653,327 |
| FY16 Rank: | 187 | | |
| County: | Essex | Total State Amount: | \$4,653,327 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 100 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 500 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 550 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.2 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 600.2 |

Project Name, Number

Gloucester County Utilities Authority
S340902-15
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 575 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 25 |
| Population | | | | 0.026535 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 600.026535 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 50 |
| | Subtotal | 575 |

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.0037 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 600.0037 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 10 |
| Population | | | | 0.001828 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 585.001828 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 50 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.08 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 575.08 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 500 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 550 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.079224 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 575.079224 |

Project Name, Number

Western Monmouth Utilities Authority
S340128-03
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 500 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 550 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.06435 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 575.06435 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|----------|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 50 |
| | Subtotal | 575 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.059994 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 575.059994 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 500 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 550 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.019079 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 575.019079 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 50 |
| Nutrients | 0 | 25 | 50 | 50 |
| Toxics | 0 | 25 | 50 | 25 |
| | | | Subtotal | 125 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.00787 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 575.00787 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 100 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 25 |
| Population | | | | 0.004041 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 575.004041 |

Project Name, Number

North Wildwood City
S340663-07
Sanitary Sewer System Rehabilitation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 50 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 575 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.002263 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 625.002263 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 575 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.001238 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 575.001238 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.49114 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 550.49114 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 50 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.49114 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 550.49114 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.288288 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 550.288288 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 550 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.051075 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 550.051075 |

Project Name, Number

Howell Township
S344040-02
Sanitary Sewer System - New

Priority List Rank

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 500 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 550 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.050649 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 550.050649 |

Project Name, Number

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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 450 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 0 | |
| Stormwater/NPS Management | | 225 | 0 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 50 | |
| | | Subtotal | 500 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | Subtotal | | 0 |
| | | State Planning Commission | | 50 |
| | | Population | | 0.040684 |
| | | BDA Points | | 0 |
| | | Transit Villages | | 0 |
| | | TOTAL POINTS | | 550.040684 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.037349 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.037349 |

Project Name, Number

Galloway Township
S340892-09
Sanitary Sewer System - New

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 500 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 550 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.014791 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 550.014791 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 525 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.076119 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 540.076119 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 525 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 15 |
| | | | Population | 0.039991 |
| | | | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 525 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.038928 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 540.038928 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.031629 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 540.031629 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 525 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 15 |
| | | | Population | 0.020936 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 540.020936 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 525 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.020065 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 540.020065 |

Project Name, Number

Little Egg Harbor Township
S344060-02
Stormwater Management

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 525 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.015945 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 540.015945 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.005494 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 540.005494 |

Project Name, Number

Hightstown Borough
S340915-05
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.005494 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 540.005494 |

Project Name, Number

Hightstown Borough
S340915-06
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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 0 | |
| Stormwater/NPS Management | | 225 | 225 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 300 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 525 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.002522 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 540.002522 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 525 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 5 |
| | | | Population | 0.025346 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 530.025346 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 525 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.6 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 525.6 |

Project Name, Number

Ocean County
S344080-04
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 |

| | | | | | |
|---|-----------------|----------------------------|-------------------------|---------------------------|-------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | | |
| | | 0-200 | 0 | | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | | |
| CSO/SSO | | 600 | 0 | | |
| Treatment Plant Improvements | | 500 | 0 | | |
| SS Rehabilitation | | 450 | 0 | | |
| Sludge Disposal/Treatment | | 350 | 0 | | |
| WW Reuse | | 300 | 0 | | |
| Septic Repair | | 275 | 0 | | |
| New Systems | | 250 | 0 | | |
| Stormwater/NPS Management | | 225 | 225 | | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | | |
| Landfill Constr, Site Remediation | | 75 | 0 | | |
| Conduit Projects | | 50 | 0 | | |
| Barnegat Bay Benefit | | 300 | 300 | | |
| Green Infrastructure | | 50 | 0 | | |
| | | Subtotal | 525 | | |
| III. WATER USE/WATER QUALITY POINTS | | | | | |
| A. Water Use | | Possible Points | Points Scored | | |
| Potable Water Supply | | 200 | 0 | | |
| Shellfish | | 125 | 0 | | |
| Recreation(Primary Contact) | | 125 | 0 | | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | | |
| Agriculture Water Use | | 25 | 0 | | |
| Industrial Water Use | | 25 | 0 | | |
| | | Subtotal | 0 | | |
| B. Existing Water Quality | | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored | |
| Dissolved Oxygen | 0 | 50 | 100 | 0 | |
| Fecal Coliform | 0 | 50 | 100 | 0 | |
| Nutrients | 0 | 25 | 50 | 0 | |
| Toxics | 0 | 25 | 50 | 0 | |
| | | | | Subtotal | 0 |
| | | | | State Planning Commission | 0 |
| | | | | Population | 0.6 |
| | | | | BDA Points | 0 |
| | | | | Transit Villages | 0 |
| | | | | TOTAL POINTS | 525.6 |

Project Name, Number

Ocean County
S344080-06
Non-Point Source (NPS) Pollution Controls

Priority List Rank

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 | | |
| Project No.: | S344080-10 | Eligible Project Cost: | \$240,000 |
| FY16 Rank: | 224 | | |
| County: | Ocean | Total State Amount: | \$240,000 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 525 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.576567 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 525.576567 |

Project Name, Number

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 | | |
| Project No.: | S344080-11 | Eligible Project Cost: | \$336,000 |
| FY16 Rank: | 224 | | |
| County: | Ocean | Total State Amount: | \$336,000 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 525 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.576567 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 525.576567 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.093 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 525.093 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.093 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 525.093 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 525 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.075905 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 525.075905 |

Project Name, Number

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 Protections (NJDEP) Barnegat Bay Initiative. The need for the proposed project is evident in the fact that it is intended to reduce stormwater-borne suspended solids and floatables from highly developed drainage areas that discharge directly into the Barnegat Bays stream network.

Project Description

The proposed project involves retrofitting 5 existing storm water conveyance systems to include Manufactured Treatment Devices (MTD) for the purpose of removing total suspended solids and floatables from storm water runoff prior to entering Barnegat Bay.

| | | | |
|------------------------|--------------------------------------|------------------------|--------------|
| Anticipated Recipient: | Western Monmouth Utilities Authority | | |
| Project No.: | S340128-06 | Eligible Project Cost: | \$12,010,000 |
| FY16 Rank: | 229 | | |
| County: | Monmouth | Total State Amount: | \$12,010,000 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.065923 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 525.065923 |

Project Name, Number

Western Monmouth Utilities Authority
S340128-06
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 525 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.054856 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 525.054856 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 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 \$10000/yr. 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 525 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.019306 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 525.019306 |

Project Name, Number

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 |

| | | | | | |
|---|-----------------|----------------------------|-------------------------|---------------------------|------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | | |
| | | 0-200 | 0 | | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | | |
| CSO/SSO | | 600 | 0 | | |
| Treatment Plant Improvements | | 500 | 0 | | |
| SS Rehabilitation | | 450 | 0 | | |
| Sludge Disposal/Treatment | | 350 | 0 | | |
| WW Reuse | | 300 | 0 | | |
| Septic Repair | | 275 | 0 | | |
| New Systems | | 250 | 0 | | |
| Stormwater/NPS Management | | 225 | 225 | | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | | |
| Landfill Constr, Site Remediation | | 75 | 0 | | |
| Conduit Projects | | 50 | 0 | | |
| Barnegat Bay Benefit | | 300 | 300 | | |
| Green Infrastructure | | 50 | 0 | | |
| | | Subtotal | 525 | | |
| III. WATER USE/WATER QUALITY POINTS | | | | | |
| A. Water Use | | Possible Points | Points Scored | | |
| Potable Water Supply | | 200 | 0 | | |
| Shellfish | | 125 | 0 | | |
| Recreation(Primary Contact) | | 125 | 0 | | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | | |
| Agriculture Water Use | | 25 | 0 | | |
| Industrial Water Use | | 25 | 0 | | |
| | | Subtotal | 0 | | |
| B. Existing Water Quality | | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored | |
| Dissolved Oxygen | 0 | 50 | 100 | 0 | |
| Fecal Coliform | 0 | 50 | 100 | 0 | |
| Nutrients | 0 | 25 | 50 | 0 | |
| Toxics | 0 | 25 | 50 | 0 | |
| | | | | Subtotal | 0 |
| | | | | State Planning Commission | 0 |
| | | | | Population | 0.011045 |
| | | | | BDA Points | 0 |
| | | | | Transit Villages | 0 |
| | | | | TOTAL POINTS | 525.011045 |

Project Name, Number

Beachwood Borough
S344010-02
Stormwater Management

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 525 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.010375 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 525.010375 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 525 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00897 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 525.00897 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 525 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.002076 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 525.002076 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 525 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.00195 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 525.00195 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 300 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 525 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.001238 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 525.001238 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.000882 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 525.000882 |

Project Name, Number

Roosevelt Borough
S340761-03
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.000882 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 525.000882 |

Project Name, Number

Roosevelt Borough
S340761-04
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.25 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 500.25 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 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 | | |
| Project No.: | S340416-12 | Eligible Project Cost: | \$2,718,518 |
| FY16 Rank: | 245 | | |
| County: | Mercer | Total State Amount: | \$2,718,518 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 50 |
| | | | Population | 0.085403 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 500.085403 |

Project Name, Number

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 | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.075 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 500.075 |

Project Name, Number

Northwest Bergen County Utilities Authority
S340700-17
Security Measures

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.065375 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 infiltrationinflow correction program in conjunction with the replacementrehabilitation of sections of the combined system.

| | | | |
|------------------------|--|------------------------|-------------|
| Anticipated Recipient: | North Bergen Municipal Utilities Authority | | |
| Project No.: | S340652-10 | Eligible Project Cost: | \$1,679,606 |
| FY16 Rank: | 248 | | |
| County: | Hudson | Total State Amount: | \$1,679,606 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.058092 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 500.058092 |

Project Name, Number

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 aquisition 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.039499 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 500.039499 |

Project Name, Number

Winslow Township
S340895-08
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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 instalation of aproximately 7200 feet of 8 and 15 inch PVC sanitary sewer gravity pipe.

| | | | |
|------------------------|--------------|------------------------|--------------|
| Anticipated Recipient: | Salem County | | |
| Project No.: | S340804-04 | Eligible Project Cost: | \$18,263,633 |
| FY16 Rank: | 252 | | |
| County: | Salem | Total State Amount: | \$18,263,633 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.018291 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 500.018291 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 infiltrationinflow sedimentation and exfiltration.

Project Description

The project involves replacement of sanitary sewer infrastructure on Main Street and Memorial Drive entire lengths including connections between both running under railroad ROW along side streets.

| | | | |
|------------------------|-------------------------|------------------------|-----------|
| Anticipated Recipient: | North Arlington Borough | | |
| Project No.: | S340959-03 | Eligible Project Cost: | \$381,358 |
| FY16 Rank: | 255 | | |
| County: | Bergen | Total State Amount: | \$381,358 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.015392 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 500.015392 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.010403 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 500.010403 |

Project Name, Number

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 | | |
| Project No.: | S340523-04-1 | Eligible Project Cost: | \$0 |
| FY16 Rank: | 257 | | |
| County: | Essex | Total State Amount: | \$0 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 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 | | | | 0.007898 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.005869 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 500.005869 |

Project Name, Number

Mendham Township
S340477-01
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 | | |
| Project No.: | S340921-04 | Eligible Project Cost: | \$8,557,247 |
| FY16 Rank: | 260 | | |
| County: | Cumberland | Total State Amount: | \$8,557,247 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 25 |
| Population | | | | 0.028711 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 475.028711 |

Project Name, Number

Millville City
S340921-04
Interconnection

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 25 |
| | | | Population | 0.026535 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 475.026535 |

Project Name, Number

Stafford Township
S340946-05
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 | | |
| Project No.: | S340730-01 | Eligible Project Cost: | \$57,540 |
| FY16 Rank: | 265 | | |
| County: | Cape May | Total State Amount: | \$57,540 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 25 |
| Population | | | | 0.00037 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 475.00037 |

Project Name, Number

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 infiltrationinflow. Extensive use of six inch diameter pipes very flat slopes high groundwater grease and detergent buildups as well as sand infiltration all contribute to the excessive II.

Project Description

The rehabilitation measures proposed in alleviating the excessive II and unclogging the system include cleaning internal inspection repair andor replacement of damaged or deteriorated sewer pipe manholes and house laterals.

| | | | |
|------------------------|---|------------------------|-------------|
| Anticipated Recipient: | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 Authoritys sanitary sewer collection system. Improvements within the floodplain include raising manholesinstalling watertight castings constructing access drives bank stabilization and erosion control at vulnerable manholes rehabilitation of aerial sewer crossings removal of floodplain obstructions purchase of an all-terrain easement machine. Insulation of a natural gas emergency generators at Windsor and Tweedstone pumping stations.

| | | | |
|------------------------|-------------------|------------------------|-----------|
| Anticipated Recipient: | Barnegat Township | | |
| Project No.: | S340620-07 | Eligible Project Cost: | \$570,013 |
| FY16 Rank: | 272 | | |
| County: | Ocean | Total State Amount: | \$570,013 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.020936 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 465.020936 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 welldry well type pump station into a submersible type pump station utilizing new submersible pumps installed in the existing wet well. The existing dry well will be abandoned in place. A new valve chamber with bypass connection will be provided adjacent to the wet well. The existing diesel fire generator at the site is in excess of 30 years old. The existing generator will be replaced with a natural gas fired generator. The generator and all electrical including motor control center pump control panel alarm system and automatic transfer switch will be installed within a new decorative block building. In addition a chemical feed system for odor control will be installed within the new generator building.

| | | | |
|------------------------|---|------------------------|-------------|
| Anticipated Recipient: | 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 infiltrationinflow situation by preventing the leakage of groundwater into the collection system and therefore reducing the treatment costs at the plant as well as the transmission lines maintenance costs. This will also increase the capacity of the collection system. The existing deteriorated lines will be capped and abandoned.

| | | | |
|------------------------|---|------------------------|-----------|
| Anticipated Recipient: | Manasquan River Regional Sewerage Authority | | |
| Project No.: | S340911-01 | Eligible Project Cost: | \$708,917 |
| FY16 Rank: | 283 | | |
| County: | Monmouth | Total State Amount: | \$708,917 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.00534 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 465.00534 |

Project Name, Number

Manasquan River Regional Sewerage Authority
S340911-01
Sanitary Sewer System Rehabilitation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 (I/I) studies conducted have revealed that the Borough Sanitary Sewer System is possibly subject to excessive I/I. Sanitary sewer lines are in excess of 80 years old. The leaking joints have caused sinkhole problems accelerated street deterioration and excessive infiltration/inflow. Additional work is needed on the stormwater sewer system as well.

Project Description

The Borough proposes to replace the existing deteriorated sanitary sewer lines service laterals and storm sewer lines including refurbishing approximately 500 sanitary sewer manholes relining the influent sewer line at the 23rd Street Pump Station replacing sanitary lines on Heron Drive Pelican Drive and the Business District replacing storm lines in the Business District and 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

| | | | | | |
|---|-----------------|----------------------------|-------------------------|---------------------------|------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | | |
| | | 0-200 | 0 | | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | | |
| CSO/SSO | | 600 | 0 | | |
| Treatment Plant Improvements | | 500 | 0 | | |
| SS Rehabilitation | | 450 | 450 | | |
| Sludge Disposal/Treatment | | 350 | 0 | | |
| WW Reuse | | 300 | 0 | | |
| Septic Repair | | 275 | 0 | | |
| New Systems | | 250 | 0 | | |
| Stormwater/NPS Management | | 225 | 0 | | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | | |
| Landfill Constr, Site Remediation | | 75 | 0 | | |
| Conduit Projects | | 50 | 0 | | |
| Barnegat Bay Benefit | | 300 | 0 | | |
| Green Infrastructure | | 50 | 0 | | |
| | | Subtotal | 450 | | |
| III. WATER USE/WATER QUALITY POINTS | | | | | |
| A. Water Use | | Possible Points | Points Scored | | |
| Potable Water Supply | | 200 | 0 | | |
| Shellfish | | 125 | 0 | | |
| Recreation(Primary Contact) | | 125 | 0 | | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | | |
| Agriculture Water Use | | 25 | 0 | | |
| Industrial Water Use | | 25 | 0 | | |
| | | Subtotal | 0 | | |
| B. Existing Water Quality | | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored | |
| Dissolved Oxygen | 0 | 50 | 100 | 0 | |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 (I/I) analysis has concluded that excessive I/I exists within the towns sewer system. Additional studies are underway to further define the quantity of excessive I/I and to propose an I/I correction program to eliminate a portion of the excessive I/I.

Project Description

This proposed project will be for the minor rehabilitation of sections of sanitary sewer pipe grouting of sewer lines grouting and sealing leaking manholes and repair or adjustments of defective manholes.

| | | | |
|------------------------|-----------------|------------------------|-----------|
| Anticipated Recipient: | Matawan Borough | | |
| Project No.: | S340967-01 | Eligible Project Cost: | \$708,917 |
| FY16 Rank: | 292 | | |
| County: | Monmouth | Total State Amount: | \$708,917 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00927 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 10 |
| TOTAL POINTS | | | | 460.00927 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 MCUA collects and treats on average 102 MGD of wastewater from 36 communities and supporting industries in Middlesex County and portions of Somerset and Union Counties. A list of municipalities and a map of the overall service area are included in the Project Report. The Main Trunk Sewer collects wastewater from Dunellen, Middlesex, Piscataway, and South Plainfield in Middlesex County, and Bound Brook, Bridgewater, Franklin, Green Brook, North Plainfield, and South Bound Brook in Somerset Counties.

Need for Project

The MCUA will be rehabilitating a portion of its Main Trunk Sewer through this Project. There will be no impact to surface waters, however, the rehabilitation work will significantly reduce the potential for adverse impacts from the failure of old and deteriorated sanitary sewers.

Project Description

(Carryover SFY2015) - The MCUA is intending to rehabilitate a portion of the existing Main Trunk Sewer (MTS) located in Piscataway New Jersey using trenchless rehabilitation technologies. This is the second of seven (7) phases that are required to address deterioration within portions of the MTS constructed of Corrugated Metal Pipe (CMP) segments. This Phase will rehabilitate the CMP pipe segments that can carry up to 46 million gallons per day (MGD) of raw wastewater. The Project will include segmental sliplining of approximately 5900 feet of 60 CMP sewer pipe installed in the 1950s repair and restoration of manholes bypass of flows environmental protection and site restoration activities.

| | | | |
|------------------------|--------------------------------------|------------------------|---------------|
| Anticipated Recipient: | Middlesex County Utilities Authority | | |
| Project No.: | S340699-12 | Eligible Project Cost: | \$111,313,758 |
| FY16 Rank: | 294 | | |
| County: | Middlesex | Total State Amount: | \$111,313,758 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.867708 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.867708 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.75 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 450.75 |

Project Name, Number

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 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.

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.75 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.75 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 minimizing 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.2 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.2 |

Project Name, Number

Gloucester County Utilities Authority
S340902-08
Sanitary Sewer System Rehabilitation

Priority List Rank

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| Possible Points | Points Scored |
|-----------------|---------------|
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| Possible Points | Points Scored |
|-----------------|---------------|
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.093 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 450.093 |

Project Name, Number

Rockaway Valley Regional Sewer Authority
S340821-06
Sanitary Sewer System Rehabilitation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 450 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 0 | |
| Stormwater/NPS Management | | 225 | 0 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 450 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.075 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 450.075 |

Project Name, Number

Northwest Bergen County Utilities Authority
S340700-14
Sanitary Sewer System Rehabilitation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 Keasby sections

Need for Project

The sewer systems in the Sewaren and Keasby sections constructed prior to the use of secondary treatment methods did not set strict limits on the volume of infiltration and inflow within sanitary sewers since treatment costs were not greatly affected by these extraneous flows. In recent years however the construction costs of conveyance facilities coupled with rising treatment costs associated with secondary treatment methods have resulted in efforts to eliminate infiltration and inflow in areas where it is proven to be cost-effective.

Project Description

The proposed project is an Infiltration/Inflow Correction program for Woodbridges existing sewer system within the Sewaren and Keasby sections. The Sewaren sewer system serves Avenel Port Reading Sewaren and Woodbridge proper. Its drainage area encompasses 6090 acres and contains 89.9 miles of sanitary sewer. The Woodbridge Interceptor (approximately parallel to the Woodbridge River) serves a majority of the system. The Keasby sewerage system serves Fords Hopelawn and Keasby. Its drainage area encompasses 2389 acres and contains 30.2 miles of sanitary sewer.

| | | | |
|------------------------|-------------------------------------|------------------------|-------------|
| Anticipated Recipient: | Middletown Township Sewer Authority | | |
| Project No.: | S340097-05 | Eligible Project Cost: | \$1,760,462 |
| FY16 Rank: | 328 | | |
| County: | Monmouth | Total State Amount: | \$1,760,462 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.066522 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.066522 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.065923 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.065923 |

Project Name, Number

Western Monmouth Utilities Authority
S340128-05
Sanitary Sewer System Rehabilitation

Priority List Rank

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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
S340945-13
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 infiltrationinflow correction program including removal of stormwater connections.

| | | | |
|------------------------|---|------------------------|-------------|
| Anticipated Recipient: | Gloucester Township Municipal Utilities Authority | | |
| Project No.: | S340364-13 | Eligible Project Cost: | \$1,122,734 |
| FY16 Rank: | 334 | | |
| County: | Camden | Total State Amount: | \$1,122,734 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.064634 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.064634 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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/I in their sewer system. The project is needed due to the deterioration of the structural integrity of the sewers. In addition the Rams Field and Farrington Pump Stations are old and need to be rehabilitated and upgraded to ensure proper operation to facilitate routine maintenance and to control odors.

Project Description

The project includes the relining of problem sewer mains throughout the Township and the rehabilitation of two pump stations including the installation of comminutors with submersible motors and carbon filters for odor controls. A new bypass chamber will be installed in one pump station.

| | | | |
|------------------------|--------------------------------|------------------------|-----------|
| Anticipated Recipient: | Linden Roselle Sewer Authority | | |
| Project No.: | S340299-05 | Eligible Project Cost: | \$389,787 |
| FY16 Rank: | 337 | | |
| County: | Union | Total State Amount: | \$389,787 |

| | | | | |
|---|-----------------|----------------------------|---------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | | Possible Points | Points Scored |
| | | | 0-200 | 0 |
| II. PROJECT DISCHARGE TYPE | | | Possible Points | Points Scored |
| CSO/SSO | | | 600 | 0 |
| Treatment Plant Improvements | | | 500 | 0 |
| SS Rehabilitation | | | 450 | 450 |
| Sludge Disposal/Treatment | | | 350 | 0 |
| WW Reuse | | | 300 | 0 |
| Septic Repair | | | 275 | 0 |
| New Systems | | | 250 | 0 |
| Stormwater/NPS Management | | | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | | | 150 | 0 |
| Landfill Constr, Site Remediation | | | 75 | 0 |
| Conduit Projects | | | 50 | 0 |
| Barnegat Bay Benefit | | | 300 | 0 |
| Green Infrastructure | | | 50 | 0 |
| | | | Subtotal | 450 |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | | Possible Points | Points Scored |
| Potable Water Supply | | | 200 | 0 |
| Shellfish | | | 125 | 0 |
| Recreation(Primary Contact) | | | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | | | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | | | 50 | 0 |
| Agriculture Water Use | | | 25 | 0 |
| Industrial Water Use | | | 25 | 0 |
| | | | Subtotal | 0 |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.06 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 450.06 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.050903 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.050903 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.050903 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.050903 |

Project Name, Number

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 Vactor 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 |

| | | | | | |
|---|-----------------|----------------------------|-------------------------|---------------------------|-----------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | | |
| | | 0-200 | 0 | | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | | |
| CSO/SSO | | 600 | 0 | | |
| Treatment Plant Improvements | | 500 | 0 | | |
| SS Rehabilitation | | 450 | 450 | | |
| Sludge Disposal/Treatment | | 350 | 0 | | |
| WW Reuse | | 300 | 0 | | |
| Septic Repair | | 275 | 0 | | |
| New Systems | | 250 | 0 | | |
| Stormwater/NPS Management | | 225 | 0 | | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | | |
| Landfill Constr, Site Remediation | | 75 | 0 | | |
| Conduit Projects | | 50 | 0 | | |
| Barnegat Bay Benefit | | 300 | 0 | | |
| Green Infrastructure | | 50 | 0 | | |
| | | Subtotal | 450 | | |
| III. WATER USE/WATER QUALITY POINTS | | | | | |
| A. Water Use | | Possible Points | Points Scored | | |
| Potable Water Supply | | 200 | 0 | | |
| Shellfish | | 125 | 0 | | |
| Recreation(Primary Contact) | | 125 | 0 | | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | | |
| Agriculture Water Use | | 25 | 0 | | |
| Industrial Water Use | | 25 | 0 | | |
| | | Subtotal | 0 | | |
| B. Existing Water Quality | | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored | |
| Dissolved Oxygen | 0 | 50 | 100 | 0 | |
| Fecal Coliform | 0 | 50 | 100 | 0 | |
| Nutrients | 0 | 25 | 50 | 0 | |
| Toxics | 0 | 25 | 50 | 0 | |
| | | | | Subtotal | 0 |
| | | | | State Planning Commission | 0 |
| | | | | Population | 0.04955 |
| | | | | BDA Points | 0 |
| | | | | Transit Villages | 0 |
| | | | | TOTAL POINTS | 450.04955 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | | |
| Project No.: | S340172-01 | Eligible Project Cost: | \$3,997,392 |
| FY16 Rank: | 360 | | |
| County: | Bergen | Total State Amount: | \$3,997,392 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.029786 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.029786 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 (I/I) analysis and sewer system evaluation survey which concluded that excessive I/I existed in the sewer system. The correction of this I/I will be cost-effective and result in the improved operation of a 13.8 MGD pump station used for the conveyance of sewage from the Joint Meeting STP to the Bergen County Utilities Authority system. Water Quality violations are currently experienced for dissolved oxygen fecal coliform and toxics standards due to the raw discharges of the existing Triboro Joint Meeting Treatment plant into the Hackensack River (SE-2).

Project Description

The project will consist of rehabilitation work to remove a portion of the excessive I/I. The rehabilitation project may include repair and/or grouting of sewers and joints sealing manholes repair/replacement of defective manhole covers and other standard rehabilitation measures. This project will also eliminate sewerage system overflows.

| | | | |
|------------------------|-------------------|------------------------|-------------|
| Anticipated Recipient: | Ridgewood Village | | |
| Project No.: | S340639-07 | Eligible Project Cost: | \$6,046,088 |
| FY16 Rank: | 372 | | |
| County: | Bergen | Total State Amount: | \$6,046,088 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.02486 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.02486 |

Project Name, Number

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 | | |
| Project No.: | S340317-02 | Eligible Project Cost: | \$1,780,655 |
| FY16 Rank: | 373 | | |
| County: | Bergen | Total State Amount: | \$1,780,655 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.023971 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.023971 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.02236 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.02236 |

Project Name, Number

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 II 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 II 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.018925 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.018925 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 Authoritys 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 I/I correction. However the operation of the treatment plant will not be affected by the excessive I/I.

Project Description

The proposed project involves I/I correction of the existing sewer system through a cleaning TVing air testing and grouting program. To correct the inflow problems the project will also include manhole cover replacement and will address illegal connections.

| | | | |
|------------------------|----------------|------------------------|-------------|
| Anticipated Recipient: | Hammonton Town | | |
| Project No.: | S340927-08 | Eligible Project Cost: | \$2,220,549 |
| FY16 Rank: | 404 | | |
| County: | Atlantic | Total State Amount: | \$2,220,549 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.014791 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.014791 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | | |
| Project No.: | S340889-01 | Eligible Project Cost: | \$935,648 |
| FY16 Rank: | 406 | | |
| County: | Morris | Total State Amount: | \$935,648 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.01441 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.01441 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 (II) analysis has concluded that the Borough's sewer system exhibits excessive II. Additional studies are underway to further define the quantity of excessive II and to propose a sewer rehabilitation program to mitigate hydraulic overloading of the plant during severe storm events which affects the performance of the treatment plant.

Project Description

This proposed project will consist of II correction to remove a portion of the excessive II. Construction of an equalization basin for storage of inflow may be necessary depending upon the conclusions of the additional on-going studies.

| | | | |
|------------------------|----------------------|------------------------|-------------|
| Anticipated Recipient: | Springfield Township | | |
| Project No.: | S340855-01 | Eligible Project Cost: | \$1,465,130 |
| FY16 Rank: | 408 | | |
| County: | Union | Total State Amount: | \$1,465,130 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.01409 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.01409 |

Project Name, Number

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 | | |
| Project No.: | S340924-06 | Eligible Project Cost: | \$1,259,960 |
| FY16 Rank: | 409 | | |
| County: | Hunterdon | Total State Amount: | \$1,259,960 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.013299 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.013299 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 Townships 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

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

III. WATER USE/WATER QUALITY POINTS

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

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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) an the elimination of potential pump station overflows that would drain to adjacent waterways (Elm Ave Pump Station).

Project Description

The 2009 Sanitary and Storm Sewer Replacement Project includes the following projects Tanner Street - Replace existing clay sanitary sewer and brick storm sewer to remove cross-connections Woodland Ave - Replace existing clay sanitary sewer and install new storm sewersump pump collector Coles Mill Pump Station Replacement Phase I - install new PVC sanitary sewer connection to regional sewer authority to eliminate one (1) existing sanitary sewer pump station Station Ave - Replace existing damaged clay sanitary sewer and Elm Ave Pump Station - Install an emergency by-pass pump to prevent sanitary sewer overflows.

| | | | |
|------------------------|------------------------|------------------------|-----------|
| Anticipated Recipient: | West Caldwell Township | | |
| Project No.: | S340200-01 | Eligible Project Cost: | \$268,597 |
| FY16 Rank: | 416 | | |
| County: | Essex | Total State Amount: | \$268,597 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.011233 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.011233 |

Project Name, Number

West Caldwell Township
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 450 |

III. WATER USE/WATER QUALITY POINTS

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.0105 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 450.0105 |

Project Name, Number

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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 450 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 0 | |
| Stormwater/NPS Management | | 225 | 0 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 450 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 Borough's sewer system and proposed an I/I correction program to eliminate a portion of these extraneous I/I flows.

Project Description

This proposed project may include the grouting and sealing of leaking manholes and sewer lines repair or adjustments of defective manhole covers and other minor rehabilitation measures.

| | | | |
|------------------------|---|------------------------|-------------|
| Anticipated Recipient: | 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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
S340118-05
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 450 |

III. WATER USE/WATER QUALITY POINTS

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 450 |

III. WATER USE/WATER QUALITY POINTS

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.00945 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 450.00945 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | | |
| Project No.: | S340112-07 | Eligible Project Cost: | \$2,290,548 |
| FY16 Rank: | 434 | | |
| County: | Ocean | Total State Amount: | \$2,290,548 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.008332 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.008332 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 450 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 0 | |
| Stormwater/NPS Management | | 225 | 0 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 450 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00652 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.00652 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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
S340426-05
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00537 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.00537 |

Project Name, Number

Spring Lake Heights Borough
S340840-01
Sanitary Sewer System Rehabilitation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

| | | | | | |
|---|-----------------|----------------------------|-------------------------|---------------------------|-----------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | | |
| | | 0-200 | 0 | | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | | |
| CSO/SSO | | 600 | 0 | | |
| Treatment Plant Improvements | | 500 | 0 | | |
| SS Rehabilitation | | 450 | 450 | | |
| Sludge Disposal/Treatment | | 350 | 0 | | |
| WW Reuse | | 300 | 0 | | |
| Septic Repair | | 275 | 0 | | |
| New Systems | | 250 | 0 | | |
| Stormwater/NPS Management | | 225 | 0 | | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | | |
| Landfill Constr, Site Remediation | | 75 | 0 | | |
| Conduit Projects | | 50 | 0 | | |
| Barnegat Bay Benefit | | 300 | 0 | | |
| Green Infrastructure | | 50 | 0 | | |
| | | Subtotal | 450 | | |
| III. WATER USE/WATER QUALITY POINTS | | | | | |
| A. Water Use | | Possible Points | Points Scored | | |
| Potable Water Supply | | 200 | 0 | | |
| Shellfish | | 125 | 0 | | |
| Recreation(Primary Contact) | | 125 | 0 | | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | | |
| Agriculture Water Use | | 25 | 0 | | |
| Industrial Water Use | | 25 | 0 | | |
| | | Subtotal | 0 | | |
| B. Existing Water Quality | | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored | |
| Dissolved Oxygen | 0 | 50 | 100 | 0 | |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 450 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 0 | |
| Stormwater/NPS Management | | 225 | 0 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 450 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | | |
| Project No.: | S340326-07 | Eligible Project Cost: | \$7,049,396 |
| FY16 Rank: | 461 | | |
| County: | Middlesex | Total State Amount: | \$7,049,396 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00443 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.00443 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

| <u>A. Water Use</u> | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.0042 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.0042 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.003416 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.003416 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 infiltrationinflow correction program in conjunction with the replacementrehabilitation of sections of the sewer system.

| | | | |
|------------------------|---------------|------------------------|-----------|
| Anticipated Recipient: | Sea Isle City | | |
| Project No.: | S340659-01 | Eligible Project Cost: | \$667,397 |
| FY16 Rank: | 476 | | |
| County: | Cape May | Total State Amount: | \$667,397 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 450 |

III. WATER USE/WATER QUALITY POINTS

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 infiltrationinflow (II) as documented in a sewer system evaluation survey.

Project Description

The proposed rehabilitation tasks include cleaning and inspection repair andor replacement of damaged or deteriorated sewer pipes and manholes.

| | | | |
|------------------------|-------------------|------------------------|-----------|
| Anticipated Recipient: | Moonachie Borough | | |
| Project No.: | S340970-02 | Eligible Project Cost: | \$332,158 |
| FY16 Rank: | 477 | | |
| County: | Bergen | Total State Amount: | \$332,158 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00279 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.00279 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 infiltrationinflow (II) levels in the sewer system is possibly excessive.

Project Description

The proposed project consists of rehabilitation of the sewer system through the replacement of existing cracked pipes with PVC lines.

| | | | |
|------------------------|---------------|------------------------|-----------|
| Anticipated Recipient: | Alpha Borough | | |
| Project No.: | S340324-01 | Eligible Project Cost: | \$639,645 |
| FY16 Rank: | 479 | | |
| County: | Warren | Total State Amount: | \$639,645 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.002482 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.002482 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00235 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.00235 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 450 |

III. WATER USE/WATER QUALITY POINTS

| <u>A. Water Use</u> | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 450 |

III. WATER USE/WATER QUALITY POINTS

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/25 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 25 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 100 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 50 |
| Subtotal | | | | 150 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.0019 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.0019 |

Project Name, Number

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 septs 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | | |
| Project No.: | S340412-08 | Eligible Project Cost: | \$1,259,960 |
| FY16 Rank: | 488 | | |
| County: | Monmouth | Total State Amount: | \$1,259,960 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00185 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.00185 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 infiltrationinflow to the existing sanitary sewers. During wet weather the infiltrationinflow to the system peaks at 0.8 mgd. It is cost effective to perform II correction as compared to transporting and treating these extraneous flows at the Ocean County Utilities Authority Wastewater Treatment Facility.

Project Description

At present the project is in Phase II of SSES. This consists of preparatory cleaning and internal TV inspection of 15281 linear feet and smoke testing of 29005 linear feet of sewer line. Dye water flooding and dye tracing will be done at the conclusion of smoke testing. In addition a pilot grouting program of the worst 10 lines will also be undertaken during this phase and the results so obtained will be used in the subsequent work in Phase 3 which will consist of the II correction of the remaining lines with excessive infiltrationinflow grouting of 17 leaking manholes and utilizing manhole inserts to eliminate inflow in 47 manholes. The II correction program will remove extraneous flow from this sewer system.

| | | | |
|------------------------|---------------------|------------------------|-------------|
| Anticipated Recipient: | Ship Bottom Borough | | |
| Project No.: | S340311-03 | Eligible Project Cost: | \$3,760,000 |
| FY16 Rank: | 492 | | |
| County: | Ocean | Total State Amount: | \$3,760,000 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.001156 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 450.001156 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 450 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 450 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. 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
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. 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
S340689-27
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 | Points Scored |
| 0-200 | 0 |

II. 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 350 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 400 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.288288 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 400.288288 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 350 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 350 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.016116 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 400.016116 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 100 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.27714 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 375.27714 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. 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

| <u>A. Water Use</u> | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 350 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 350 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.2 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 365.2 |

Project Name, Number

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 SO₂) 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 | Points Scored |
| 0-200 | 0 |

II. 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

| <u>A. Water Use</u> | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 350 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 350 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.49114 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 350.49114 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 350 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 350 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.38246 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 350.38246 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 350 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 350 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.25 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 350.25 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 350 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 350 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.22135 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 350.22135 |

Project Name, Number

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 Authoritys segmented sludge management plan. The proposed project is the construction of a fluidized bed incinerator that is to accept municipal sludge generated within the county.

| | | | |
|------------------------|-------------------------------------|------------------------|--------------|
| Anticipated Recipient: | Hudson County Improvement Authority | | |
| Project No.: | S340900-01 | Eligible Project Cost: | \$26,962,839 |
| FY16 Rank: | 511 | | |
| County: | Hudson | Total State Amount: | \$26,962,839 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.21858 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 350.21858 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 350 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 350 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.163667 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 350.163667 |

Project Name, Number

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 Authoritys method (by providing a back-up for the existing sludge incinerators) and increase capacity for the disposal of municipal wastewater sludge. The second goal relates to the Interdistrict Agreement by which the ACUA is required to accept up to 19000 tons per year of compostable material from Mercer County. Finally to meet the Authoritys recycling goals large source separated generations of food waste within the county will be directed to the proposed facility.

Project Description

The Authority is planning to construct an Enclosed Composting Facility at the Environmental Park Site in Egg Harbor Township. The facility will process the following selective waste streams food waste municipal wastewater sludge vegetative waste and clean wood waste. These selective waste streams will produce a compost which can be used as a soil amendment. The proposed facility has an array of unique features to avoid the pitfalls of other composting facilities which have been forced to close due to mechanical and odor control problems. An integrated building ventilation system including a biofilter for odor control will be constructed. The facility will be totally enclosed and designed to handle 159 wet tons per day.

| | | | |
|------------------------|---|------------------------|--------------|
| Anticipated Recipient: | Somerset Raritan Valley Sewer Authority | | |
| Project No.: | S340801-08 | Eligible Project Cost: | \$12,997,791 |
| FY16 Rank: | 513 | | |
| County: | Somerset | Total State Amount: | \$12,997,791 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 350 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 350 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.117 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 350.117 |

Project Name, Number

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 SRVSAs existing NJPDES 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. 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
S340661-06
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 sludgesseptage 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 | Points Scored |
| 0-200 | 0 |

II. 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 - WildwoodLower Region and CMCMUA - Seven MileMiddle 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 350 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 350 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.034727 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 350.034727 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 350 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 350 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.02659 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 350.02659 |

Project Name, Number

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 | | |
| Project No.: | S340805-02 | Eligible Project Cost: | \$4,076,260 |
| FY16 Rank: | 518 | | |
| County: | Hunterdon | Total State Amount: | \$4,076,260 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 350 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 350 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.0061 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 350.0061 |

Project Name, Number

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 II existing in the sanitary sewer lines in Holland Township which is causing noncompliance with the suspended solids limitations of the NJPDES permit during periods of excessive rain. In addition the Milford Borough Sewer Utility which is classified as a Category D facility does not have the capability of handling septage and must plan for accepting the septage generated in its service area. Furthermore alternatives to the treatment plants current method of disposing of liquid sludge at a Pennsylvania landfill must be evaluated since it is on a short term basis.

Project Description

This project will be classified as a complete wastewater treatment system which includes Holland Township and Milford Borough. The Facilities Plan will develop alternatives for sludge disposal and evaluate a septic management district. Also an II and cost effectiveness analysis will be performed to determine the extent of excessive II in the system.

| | | | |
|------------------------|---------------------|------------------------|--------------|
| Anticipated Recipient: | North Wildwood City | | |
| Project No.: | S340663-08 | Eligible Project Cost: | \$21,716,520 |
| FY16 Rank: | 519 | | |
| County: | Cape May | Total State Amount: | \$21,716,520 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 100 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 25 |
| Population | | | | 0.004041 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 350.004041 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 275 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.240055 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 325.240055 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 275 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 275 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.02585 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 325.02585 |

Project Name, Number

West Milford Township
S340701-10
Decentralized Wastewater (or Septic) System Repair/Replacement

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/25 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 25 |
| Industrial Water Use | 25 | 25 |
| | Subtotal | 75 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.0031 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 325.0031 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 25 |
| | | | Population | 0.0019 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 325.0019 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 25 |
| Population | | | | 0.00133 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 325.00133 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 25 |
| Population | | | | 0.000453 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 325.000453 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 25 |
| | | | Population | 0.0001 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 325.0001 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.00601 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 315.00601 |

Project Name, Number

Plumsted Township
S340607-03
Sanitary Sewer System - New

Priority List Rank

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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 250 | |
| Stormwater/NPS Management | | 225 | 0 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 250 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 50 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 50 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 10 |
| Population | | | | 0.014791 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 310.014791 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 300 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 300 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.867708 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.867708 |

Project Name, Number

Middlesex County Utilities Authority
S340699-11
Wastewater Reuse

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 300 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 300 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.167633 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.167633 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 300 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 300 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.163667 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.163667 |

Project Name, Number

Atlantic County Utilities Authority
S340809-11
Wastewater Reuse

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 300 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 300 |

III. WATER USE/WATER QUALITY POINTS

| <u>A. Water Use</u> | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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

WildwoodLower Region and Seven MileMiddle Region

Need for Project

The purpose of the project is to highly treat effluent from the Authoritys Seven Mile BeachMiddle Region WTF and provide it for beneficial reuse.

Project Description

The proposed project includes plant improvements to allow for reuse of 300000 gpd of effluent from the Seven Mile BeachMiddle Region WTF.

| | | | |
|------------------------|--|------------------------|--------------|
| Anticipated Recipient: | Old Bridge Municipal Utilities Authority | | |
| Project No.: | S340945-04 | Eligible Project Cost: | \$33,032,119 |
| FY16 Rank: | 533 | | |
| County: | Middlesex | Total State Amount: | \$33,032,119 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.060456 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 300.060456 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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

| <u>A. Water Use</u> | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.04555 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 300.04555 |

Project Name, Number

Wayne Township
S340929-01
Sanitary Sewer System Rehabilitation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.04171 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.04171 |

Project Name, Number

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 I₂ partially due to the combined nature of its sewer system.

Project Description

The proposed project consists of the construction of improvement to the City's sewer system including grouting slip lining and other corrective measures.

| | | | |
|------------------------|-------------------|------------------------|-------------|
| Anticipated Recipient: | Galloway Township | | |
| Project No.: | S340892-02 | Eligible Project Cost: | \$5,700,971 |
| FY16 Rank: | 536 | | |
| County: | Atlantic | Total State Amount: | \$5,700,971 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.031209 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.031209 |

Project Name, Number

Galloway Township
S340892-02
Sanitary Sewer System Rehabilitation

Priority List Rank

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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 250 | |
| Stormwater/NPS Management | | 225 | 0 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 250 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 50 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 50 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | Subtotal | | 0 |
| | | State Planning Commission | | 0 |
| | | Population | | 0.03009 |
| | | BDA Points | | 0 |
| | | Transit Villages | | 0 |
| | | TOTAL POINTS | | 300.03009 |

Project Name, Number

Winslow Township
S340895-02
Sanitary Sewer System Rehabilitation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.028126 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 300.028126 |

Project Name, Number

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 | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 250 | |
| Stormwater/NPS Management | | 225 | 0 | |
| Landfill Closure, Land Acq, Well 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.02314 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.02314 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.0225 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.0225 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.02236 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.02236 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 300 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 300 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.019079 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.019079 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.0162 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.0162 |

Project Name, Number

Montville Township
S340931-02
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.0154 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.0154 |

Project Name, Number

Manchester Township
S340650-03
Sanitary Sewer System - New

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.015392 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.015392 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.0153 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.0153 |

Project Name, Number

Bernards Township Sewerage Authority
S340382-02
Sanitary Sewer System - New

Priority List Rank

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 LaneColumbia Road area of Basking Ridge. The system will consist of all gravity sewers with the exception of two properties which will require pumping to a pressure sewer. The wastewater will be conveyed to the 1.2 MGD capacity treatment plant.

| | | | |
|------------------------|---------------------------------------|------------------------|-------------|
| Anticipated Recipient: | Gloucester County Utilities Authority | | |
| Project No.: | S340461-04 | Eligible Project Cost: | \$7,211,095 |
| FY16 Rank: | 549 | | |
| County: | Gloucester | Total State Amount: | \$7,211,095 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.01448 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.01448 |

Project Name, Number

Gloucester County Utilities Authority
S340461-04
Sanitary Sewer System - New

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.013 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.013 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.01108 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 300.01108 |

Project Name, Number

Vernon Township
S340745-02
Sanitary Sewer System - New

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.01058 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 300.01058 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|----------|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|----------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.01048 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 300.01048 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.00949 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 300.00949 |

Project Name, Number

Wantage Township
S340760-03
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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 Walkill 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.009361 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 300.009361 |

Project Name, Number

Chatham Township
S340403-05
Sludge Treatment/Disposal Facilities

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00806 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00806 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00784 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00784 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00766 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00766 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00646 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00646 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.006283 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.006283 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.006 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 300.006 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00596 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00596 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00557 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00557 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.00555 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 300.00555 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00511 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00511 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00489 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00489 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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 | | | | 0.00241 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00242 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00242 |

Project Name, Number

Riverdale Borough
S340729-01
Sanitary Sewer System Rehabilitation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00235 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00235 |

Project Name, Number

Mahwah Township
S340592-06
Sanitary Sewer System Rehabilitation

Priority List Rank

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.002307 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 300.002307 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.0021 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.0021 |

Project Name, Number

Evesham Municipal Utilities Authority
S340838-01
Sanitary Sewer System - New

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.0017 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.0017 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.00166 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 300.00166 |

Project Name, Number

Hope Township
S340872-01
Sanitary Sewer System - New

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00134 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00134 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00131 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00131 |

Project Name, Number

Washington Township
S340930-01
Sanitary Sewer System - New

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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

| <u>A. Water Use</u> | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.00128 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 300.00128 |

Project Name, Number

Manchester Township
S340650-06
Pump Stations

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00091 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00091 |

Project Name, Number

Upper Township
S340619-03
Sanitary Sewer System - New

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00086 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00086 |

Project Name, Number

Pequannock Township
S340480-05
Sanitary Sewer System Rehabilitation

Priority List Rank

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 residentialcommercial area and replacing them with a sanitary sewer system as well as for future growth. The soils in this service area are classified by the Soil Conservation Service as severely limiting for on-site disposal. The average housing stock in this area is in excess of 35 years and health surveys have indicated an incidence of septic system malfunctions and shallow aquifer contamination.

Project Description

This Phase III project will be an extension of the Phase I sanitary sewer system and will include the residential area between Greenwood Avenue and Pequannock Avenue and the commercial properties along the southern portion of Route 23. The proposed sewer system will provide the transmission facilities to convey the wastewater to the Pequannock Lincoln Park and Fairfield Park Sewerage Authority (TBSA) facilities for ultimate treatment.

| | | | |
|------------------------|---------------------|------------------------|-------------|
| Anticipated Recipient: | Branchville Borough | | |
| Project No.: | S340740-02 | Eligible Project Cost: | \$2,584,971 |
| FY16 Rank: | 581 | | |
| County: | Sussex | Total State Amount: | \$2,584,971 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00085 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00085 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00081 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00081 |

Project Name, Number

Southampton Township
S340961-01
Sanitary Sewer System Rehabilitation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00062 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00062 |

Project Name, Number

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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 250 | |
| Stormwater/NPS Management | | 225 | 0 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 250 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 50 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 50 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | Subtotal | | 0 |
| | | State Planning Commission | | 0 |
| | | Population | | 0.00055 |
| | | BDA Points | | 0 |
| | | Transit Villages | | 0 |
| | | TOTAL POINTS | | 300.00055 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00045 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00045 |

Project Name, Number

Plainsboro Township
S340836-01
Sanitary Sewer System Rehabilitation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00041 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00041 |

Project Name, Number

Clayton Borough
S340918-01
Sanitary Sewer System - New

Priority List Rank

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.00035 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 300.00035 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 10 |
| Population | | | | 0.001631 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 260.001631 |

Project Name, Number

Cumberland County
S340438-01
Sanitary Sewer System - New

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00018 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00018 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00014 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 300.00014 |

Project Name, Number

Lincoln Park Borough
S340594-02
Sanitary Sewer System - New

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 50 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 50 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 2.0E-5 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 300.00002 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 50 |
| | | | Population | 1.35 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 276.35 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.079904 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 275.079904 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.050005 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 275.050005 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, 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 nonstrucural practices stormwater will be collected and directed into an underground stormwater recharge system.

| | | | |
|------------------------|---------------|------------------------|--------------|
| Anticipated Recipient: | Atlantic City | | |
| Project No.: | S340439-01 | Eligible Project Cost: | \$18,830,939 |
| FY16 Rank: | 596 | | |
| County: | Atlantic | Total State Amount: | \$18,830,939 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.039558 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 275.039558 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.039558 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 275.039558 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.039558 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 275.039558 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 275 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.038928 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 275.038928 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 275 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.024575 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 275.024575 |

Project Name, Number

Bernards Township
S340382-04
Non-Point Source (NPS) Pollution Controls

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.016264 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 275.016264 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.016264 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 275.016264 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.016116 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 275.016116 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| Possible Points | Points Scored |
|-----------------|---------------|
|-----------------|---------------|

| | | |
|--|----------|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| | Subtotal | 275 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| Possible Points | Points Scored |
|-----------------|---------------|
|-----------------|---------------|

| | | |
|---------------------------------------|----------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.0079 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 275.0079 |

Project Name, Number

Richard Stockton College
S340146-02
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| Possible Points | Points Scored |
|-----------------|---------------|
|-----------------|---------------|

| | | |
|--|----------|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| | Subtotal | 275 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| Possible Points | Points Scored |
|-----------------|---------------|
|-----------------|---------------|

| | | |
|---------------------------------------|----------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.0079 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 275.0079 |

Project Name, Number

Richard Stockton College
S340146-03
Green Infrastructure

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| | Subtotal | 275 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.0079 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 275.0079 |

Project Name, Number

Richard Stockton College
S340146-01
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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, 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 repaving of the existing roadway surface concrete curb concrete sidewalk ADA compliant 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 25 |
| Population | | | | 0.003032 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.015569 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 265.015569 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 15 |
| | | | Population | 0.01119 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 265.01119 |

Project Name, Number

Totowa Borough
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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 | | | | 0.01437 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 10 |
| Population | | | | 0.0025 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 260.0025 |

Project Name, Number

Cranbury Township
S340506-02
Sanitary Sewer System - New

Priority List Rank

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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 250 | |
| Stormwater/NPS Management | | 225 | 0 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 250 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | Subtotal | | 0 |
| | | State Planning Commission | | 10 |
| | | Population | | 0.001631 |
| | | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 5 |
| Population | | | | 0.005712 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 255.005712 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.35829 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.35829 |

Project Name, Number

Mount Holly Municipal Utilities Authority
S340817-02
Sludge Treatment/Disposal Facilities

Priority List Rank

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 sludgesseptage 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.15977 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.15977 |

Project Name, Number

Gloucester County Utilities Authority
S340902-01
Sludge Treatment/Disposal Facilities

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.1007 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.1007 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.078672 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.078672 |

Project Name, Number

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 | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| Possible Points | Points Scored |
|-----------------|---------------|
|-----------------|---------------|

| | | |
|--|----------|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.05688 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 250.05688 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.050649 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.050649 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.05009 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.05009 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.047829 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.047829 |

Project Name, Number

Plainfield Municipal Utilities Authority
S340240-02
Pump Stations

Priority List Rank

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 generatorpump control building comminutor process piping and associated site work.

| | | | |
|------------------------|---|------------------------|-----------|
| Anticipated Recipient: | Egg Harbor Township Municipal Utilities Authority | | |
| Project No.: | S340753-05 | Eligible Project Cost: | \$903,160 |
| FY16 Rank: | 626 | | |
| County: | Atlantic | Total State Amount: | \$903,160 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.043323 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.043323 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 25 |
| Population | | | | 0.04294 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.04294 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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
S340969-09
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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.039 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.039 |

Project Name, Number

Manasquan River Regional Sewerage Authority
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.03846 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.03846 |

Project Name, Number

Hopewell Township
S340282-01
Sanitary Sewer System - New

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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 | | | | 0.038303 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.037349 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.037349 |

Project Name, Number

Galloway Township
S340892-09
Sanitary Sewer System - New

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.03647 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.03647 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.03134 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.03134 |

Project Name, Number

Pemberton Township Municipal Utilities Authority
S340649-02
Sewage Treatment Plant (STP) - Improvement/Upgrade

Priority List Rank

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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 250 | |
| Stormwater/NPS Management | | 225 | 0 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 250 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | Subtotal | | 0 |
| | | State Planning Commission | | 0 |
| | | Population | | 0.03009 |
| | | BDA Points | | 0 |
| | | Transit Villages | | 0 |
| | | TOTAL POINTS | | 250.03009 |

Project Name, Number

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 |

| | | | | | |
|---|-----------------|----------------------------|-------------------------|---------------------------|-----------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | | |
| | | 0-200 | 0 | | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | | |
| CSO/SSO | | 600 | 0 | | |
| Treatment Plant Improvements | | 500 | 0 | | |
| SS Rehabilitation | | 450 | 0 | | |
| Sludge Disposal/Treatment | | 350 | 0 | | |
| WW Reuse | | 300 | 0 | | |
| Septic Repair | | 275 | 0 | | |
| New Systems | | 250 | 250 | | |
| Stormwater/NPS Management | | 225 | 0 | | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | | |
| Landfill Constr, Site Remediation | | 75 | 0 | | |
| Conduit Projects | | 50 | 0 | | |
| Barnegat Bay Benefit | | 300 | 0 | | |
| Green Infrastructure | | 50 | 0 | | |
| | | Subtotal | 250 | | |
| III. WATER USE/WATER QUALITY POINTS | | | | | |
| A. Water Use | | Possible Points | Points Scored | | |
| Potable Water Supply | | 200 | 0 | | |
| Shellfish | | 125 | 0 | | |
| Recreation(Primary Contact) | | 125 | 0 | | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | | |
| Agriculture Water Use | | 25 | 0 | | |
| Industrial Water Use | | 25 | 0 | | |
| | | Subtotal | 0 | | |
| B. Existing Water Quality | | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored | |
| Dissolved Oxygen | 0 | 50 | 100 | 0 | |
| Fecal Coliform | 0 | 50 | 100 | 0 | |
| Nutrients | 0 | 25 | 50 | 0 | |
| Toxics | 0 | 25 | 50 | 0 | |
| | | | | Subtotal | 0 |
| | | | | State Planning Commission | 0 |
| | | | | Population | 0.03009 |
| | | | | BDA Points | 0 |
| | | | | Transit Villages | 0 |
| | | | | TOTAL POINTS | 250.03009 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.026763 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.026763 |

Project Name, Number

Deptford Township Municipal Utilities Authority
S340066-01
Pump Stations

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 25 |
| | | | Population | 0.026535 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 250.026535 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.026503 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.026503 |

Project Name, Number

Hamilton Township Municipal Utilities Authority
S340903-02
Sanitary Sewer System - New

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.023594 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.023594 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.020709 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.020709 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.019974 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.019974 |

Project Name, Number

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 |

| | | | | | |
|---|-----------------|----------------------------|-------------------------|---------------------------|----------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | | |
| | | 0-200 | 0 | | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | | |
| CSO/SSO | | 600 | 0 | | |
| Treatment Plant Improvements | | 500 | 0 | | |
| SS Rehabilitation | | 450 | 0 | | |
| Sludge Disposal/Treatment | | 350 | 0 | | |
| WW Reuse | | 300 | 0 | | |
| Septic Repair | | 275 | 0 | | |
| New Systems | | 250 | 250 | | |
| Stormwater/NPS Management | | 225 | 0 | | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | | |
| Landfill Constr, Site Remediation | | 75 | 0 | | |
| Conduit Projects | | 50 | 0 | | |
| Barnegat Bay Benefit | | 300 | 0 | | |
| Green Infrastructure | | 50 | 0 | | |
| | | Subtotal | 250 | | |
| III. WATER USE/WATER QUALITY POINTS | | | | | |
| A. Water Use | | Possible Points | Points Scored | | |
| Potable Water Supply | | 200 | 0 | | |
| Shellfish | | 125 | 0 | | |
| Recreation(Primary Contact) | | 125 | 0 | | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | | |
| Agriculture Water Use | | 25 | 0 | | |
| Industrial Water Use | | 25 | 0 | | |
| | | Subtotal | 0 | | |
| B. Existing Water Quality | | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored | |
| Dissolved Oxygen | 0 | 50 | 100 | 0 | |
| Fecal Coliform | 0 | 50 | 100 | 0 | |
| Nutrients | 0 | 25 | 50 | 0 | |
| Toxics | 0 | 25 | 50 | 0 | |
| | | | | Subtotal | 0 |
| | | | | State Planning Commission | 0 |
| | | | | Population | 0.0185 |
| | | | | BDA Points | 0 |
| | | | | Transit Villages | 0 |
| | | | | TOTAL POINTS | 250.0185 |

Project Name, Number

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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 250 | |
| Stormwater/NPS Management | | 225 | 0 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 250 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.01821 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.01821 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.018 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.018 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.016021 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.016021 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.015614 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.015614 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.015466 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.015466 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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

| <u>A. Water Use</u> | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 250 | |
| Stormwater/NPS Management | | 225 | 0 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 250 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.01199 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.01199 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.011532 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.011532 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.010987 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.010987 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.010987 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.010987 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.01094 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.01094 |

Project Name, Number

Waterford Township Municipal Utilities Authority
S340163-01
Sanitary Sewer System - New

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.008788 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.008788 |

Project Name, Number

Harrison Township
S340362-06
Water Treatment Plant/Facilities

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.008302 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.008302 |

Project Name, Number

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 companys 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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 | | | | 0.006032 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00668 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.00668 |

Project Name, Number

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 | | |
| Project No.: | S340258-01 | Eligible Project Cost: | \$360,245 |
| FY16 Rank: | 660 | | |
| County: | Cape May | Total State Amount: | \$360,245 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.0065 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 250.0065 |

Project Name, Number

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-feet deep sand aquifer and build a desalination facility employing a reverse osmosis process.

Project Description

The desalination facility will generate 1.0 MGD of potable water 0.4 MGD of concentrate and 1000 gpd of sanitary wastewater. The conveyance facilities is included in this project and involves the construction of two force mains. One force main will be 2-inch diameter 2300 feet long and will carry sanitary waste membrane wash water and water from floor drains to the West Cape May Boroughs sewer system where it will flow to the Cape May County MUAs STP for treatment and disposal in the Atlantic Ocean. The second force main will be 6-inch diameter 2700 feet long and will be designed to carry 0.4 MGD of desalination concentrate to the Cape Island Creek.

| | | | |
|------------------------|-------------------|------------------------|-------------|
| Anticipated Recipient: | Hopewell Township | | |
| Project No.: | S340282-02 | Eligible Project Cost: | \$3,475,917 |
| FY16 Rank: | 661 | | |
| County: | Mercer | Total State Amount: | \$3,475,917 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 250 |

III. WATER USE/WATER QUALITY POINTS

| <u>A. Water Use</u> | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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 | | | | 0.006042 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 25 |
| Population | | | | 0.005436 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.005436 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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 | | | | 0.00526 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.00526 |

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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 | | | | 0.00526 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.00526 |

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 25 |
| Population | | | | 0.00448 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.00448 |

Project Name, Number

Wildwood City
S340664-02
Stormwater Management

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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 0 | |
| Stormwater/NPS Management | | 225 | 225 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 225 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 25 |
| Population | | | | 0.004041 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.004041 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well 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

| <u>A. Water Use</u> | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.003 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.003 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.002257 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.002257 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.0019 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.0019 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00151 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.00151 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.0015 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.0015 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 250 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 250 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00121 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 250.00121 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.016896 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 240.016896 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 15 |
| | | | Population | 0.015888 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 240.015888 |

Project Name, Number

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 |

| | | | | |
|---|-----------------|----------------------------|---------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | | Possible Points | Points Scored |
| | | | 0-200 | 0 |
| II. PROJECT DISCHARGE TYPE | | | Possible Points | Points Scored |
| CSO/SSO | | | 600 | 0 |
| Treatment Plant Improvements | | | 500 | 0 |
| SS Rehabilitation | | | 450 | 0 |
| Sludge Disposal/Treatment | | | 350 | 0 |
| WW Reuse | | | 300 | 0 |
| Septic Repair | | | 275 | 0 |
| New Systems | | | 250 | 0 |
| Stormwater/NPS Management | | | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | | | 150 | 0 |
| Landfill Constr, Site Remediation | | | 75 | 0 |
| Conduit Projects | | | 50 | 0 |
| Barnegat Bay Benefit | | | 300 | 0 |
| Green Infrastructure | | | 50 | 0 |
| | | | Subtotal | 225 |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | | Possible Points | Points Scored |
| Potable Water Supply | | | 200 | 0 |
| Shellfish | | | 125 | 0 |
| Recreation(Primary Contact) | | | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | | | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | | | 50 | 0 |
| Agriculture Water Use | | | 25 | 0 |
| Industrial Water Use | | | 25 | 0 |
| | | | Subtotal | 0 |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 15 |
| | | | Population | 0.014595 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 240.014595 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 15 |
| | | | Population | 0.00992 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 240.00992 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.007091 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 240.007091 |

Project Name, Number

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 repair/replacement 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.005897 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 15 |
| | | | Population | 0.005494 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 240.005494 |

Project Name, Number

Hightstown Borough
S340915-07
Stormwater Management

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.005325 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 240.005325 |

Project Name, Number

Wildwood City
S340664-05
Stormwater Management

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.000603 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 240.000603 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 10 |
| | | | Population | 0.014791 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 235.014791 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00891 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 10 |
| TOTAL POINTS | | | | 235.00891 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00891 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 10 |
| TOTAL POINTS | | | | 235.00891 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 10 |
| Population | | | | 0.001631 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.553124 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.553124 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.502824 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 225.502824 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well 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

| <u>A. Water Use</u> | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.502824 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.502824 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.49631 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.49631 |

Project Name, Number

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 Dormitory area and to screen out debris from the stormwater prior to discharge in the Trotters Lane Branch of the Elizabeth River. The existing brick storm drain from the west side of Morris Avenue to the Elizabeth River is too small and needs to be replaced.

Project Description

The proposed project involves the replacement of the storm drain with an adequately sized concrete box culvert. The upstream end of the culvert will be equipped with a screen to collect debris.

| | | | |
|------------------------|-------------------|------------------------|-------------|
| Anticipated Recipient: | Burlington County | | |
| Project No.: | S340818-07 | Eligible Project Cost: | \$2,183,362 |
| FY16 Rank: | 696 | | |
| County: | Burlington | Total State Amount: | \$2,183,362 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well 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 | | | | 0.450838 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.38246 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.38246 |

Project Name, Number

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 | | |
| Project No.: | S340815-11 | Eligible Project Cost: | \$29,876,122 |
| FY16 Rank: | 698 | | |
| County: | Essex | Total State Amount: | \$29,876,122 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 100 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 75 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 75 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.27714 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.27714 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.252552 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.252552 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.25 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 225.25 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| Possible Points | Points Scored |
|-----------------|---------------|
|-----------------|---------------|

| | | |
|--|----------|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| Possible Points | Points Scored |
|-----------------|---------------|
|-----------------|---------------|

| | | |
|---------------------------------------|----------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.25 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 225.25 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.091239 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.091239 |

Project Name, Number

Toms River Township
S340145-02
Stormwater Management

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, 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 | 0.08 |
| | | | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.078672 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.078672 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.066522 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.066522 |

Project Name, Number

Middletown Township
S340097-03
Stormwater Management

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.066522 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.066522 |

Project Name, Number

Middletown Township
S340097-01
Decentralized Wastewater (or Septic) System Repair/Replacement

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.065375 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.065375 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.064634 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.064634 |

Project Name, Number

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 in 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.064634 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.064634 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.064634 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.064634 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.047829 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 225.047829 |

Project Name, Number

Plainfield City
S340240-01
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.047829 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 225.047829 |

Project Name, Number

Plainfield City
S340240-05
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.040221 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.040221 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.037349 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 225.037349 |

Project Name, Number

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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 0 | |
| Stormwater/NPS Management | | 225 | 225 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 225 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.034727 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.034727 |

Project Name, Number

Neptune Township
S340410-08
Stormwater Management

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.034727 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.034727 |

Project Name, Number

Neptune Township
S340410-07
Stormwater Management

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.034727 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.034727 |

Project Name, Number

Neptune Township
S340410-06
Stormwater Management

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 | | |
| Project No.: | S340397-03 | Eligible Project Cost: | \$185,346 |
| FY16 Rank: | 722 | | |
| County: | Mercer | Total State Amount: | \$185,346 |

| | | | | |
|---|-----------------|----------------------------|---------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | | Possible Points | Points Scored |
| | | | 0-200 | 0 |
| II. PROJECT DISCHARGE TYPE | | | Possible Points | Points Scored |
| CSO/SSO | | | 600 | 0 |
| Treatment Plant Improvements | | | 500 | 0 |
| SS Rehabilitation | | | 450 | 0 |
| Sludge Disposal/Treatment | | | 350 | 0 |
| WW Reuse | | | 300 | 0 |
| Septic Repair | | | 275 | 0 |
| New Systems | | | 250 | 0 |
| Stormwater/NPS Management | | | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | | | 150 | 0 |
| Landfill Constr, Site Remediation | | | 75 | 0 |
| Conduit Projects | | | 50 | 0 |
| Barnegat Bay Benefit | | | 300 | 0 |
| Green Infrastructure | | | 50 | 0 |
| | | | Subtotal | 225 |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | | Possible Points | Points Scored |
| Potable Water Supply | | | 200 | 0 |
| Shellfish | | | 125 | 0 |
| Recreation(Primary Contact) | | | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | | | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | | | 50 | 0 |
| Agriculture Water Use | | | 25 | 0 |
| Industrial Water Use | | | 25 | 0 |
| | | | Subtotal | 0 |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.034185 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 225.034185 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.034185 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.034185 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.027999 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.027999 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.027974 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.027974 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | | |
| Project No.: | S340750-04 | Eligible Project Cost: | \$1,198,294 |
| FY16 Rank: | 727 | | |
| County: | Monmouth | Total State Amount: | \$1,198,294 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 0 | |
| Stormwater/NPS Management | | 225 | 225 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 225 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | Subtotal | | 0 |
| | | State Planning Commission | | 0 |
| | | Population | | 0.025058 |
| | | BDA Points | | 0 |
| | | Transit Villages | | 0 |
| | | TOTAL POINTS | | 225.025058 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.023868 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.023868 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.022844 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.022844 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.022844 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.022844 |

Project Name, Number

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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 0 | |
| Stormwater/NPS Management | | 225 | 225 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 225 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | Subtotal | | 0 |
| | | State Planning Commission | | 0 |
| | | Population | | 0.022253 |
| | | BDA Points | | 0 |
| | | Transit Villages | | 0 |
| | | TOTAL POINTS | | 225.022253 |

Project Name, Number

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 Medfords storm drainage system and flood control. Sediment needs to be removed to restore proper storm drainage. The bulkhead reduces the amount of sediment that builds up in the lakes and without it sediment and debris is flowing into the lakes and downstream.

Project Description

The proposed project includes removal of sediment and debris from the lakes and 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.02137 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 225.02137 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well 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
S340968-03
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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.021282 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.021282 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.017503 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.017503 |

Project Name, Number

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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 0 | |
| Stormwater/NPS Management | | 225 | 225 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 225 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.014791 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.014791 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.013407 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.013407 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.013279 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.013279 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.012396 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.012396 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.011907 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.011907 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.011662 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.011662 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.011045 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.011045 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.01094 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.01094 |

Project Name, Number

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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 0 | |
| Stormwater/NPS Management | | 225 | 225 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 225 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | Subtotal | | 0 |
| | | State Planning Commission | | 0 |
| | | Population | | 0.010855 |
| | | BDA Points | | 0 |
| | | Transit Villages | | 0 |
| | | TOTAL POINTS | | 225.010855 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.010855 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.010855 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.010795 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.010795 |

Project Name, Number

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 |

| | | | | |
|---|-----------------|----------------------------|---------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | | Possible Points | Points Scored |
| | | | 0-200 | 0 |
| II. PROJECT DISCHARGE TYPE | | | Possible Points | Points Scored |
| CSO/SSO | | | 600 | 0 |
| Treatment Plant Improvements | | | 500 | 0 |
| SS Rehabilitation | | | 450 | 0 |
| Sludge Disposal/Treatment | | | 350 | 0 |
| WW Reuse | | | 300 | 0 |
| Septic Repair | | | 275 | 0 |
| New Systems | | | 250 | 0 |
| Stormwater/NPS Management | | | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | | | 150 | 0 |
| Landfill Constr, Site Remediation | | | 75 | 0 |
| Conduit Projects | | | 50 | 0 |
| Barnegat Bay Benefit | | | 300 | 0 |
| Green Infrastructure | | | 50 | 0 |
| | | | Subtotal | 225 |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | | Possible Points | Points Scored |
| Potable Water Supply | | | 200 | 0 |
| Shellfish | | | 125 | 0 |
| Recreation(Primary Contact) | | | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | | | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | | | 50 | 0 |
| Agriculture Water Use | | | 25 | 0 |
| Industrial Water Use | | | 25 | 0 |
| | | | Subtotal | 0 |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.010795 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 225.010795 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.010795 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.010795 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.010728 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 225.010728 |

Project Name, Number

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 |

| | | | | | |
|---|-----------------|----------------------------|-------------------------|---------------------------|-----------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | | |
| | | 0-200 | 0 | | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | | |
| CSO/SSO | | 600 | 0 | | |
| Treatment Plant Improvements | | 500 | 0 | | |
| SS Rehabilitation | | 450 | 0 | | |
| Sludge Disposal/Treatment | | 350 | 0 | | |
| WW Reuse | | 300 | 0 | | |
| Septic Repair | | 275 | 0 | | |
| New Systems | | 250 | 0 | | |
| Stormwater/NPS Management | | 225 | 225 | | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | | |
| Landfill Constr, Site Remediation | | 75 | 0 | | |
| Conduit Projects | | 50 | 0 | | |
| Barnegat Bay Benefit | | 300 | 0 | | |
| Green Infrastructure | | 50 | 0 | | |
| | | Subtotal | 225 | | |
| III. WATER USE/WATER QUALITY POINTS | | | | | |
| A. Water Use | | Possible Points | Points Scored | | |
| Potable Water Supply | | 200 | 0 | | |
| Shellfish | | 125 | 0 | | |
| Recreation(Primary Contact) | | 125 | 0 | | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | | |
| Agriculture Water Use | | 25 | 0 | | |
| Industrial Water Use | | 25 | 0 | | |
| | | Subtotal | 0 | | |
| B. Existing Water Quality | | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored | |
| Dissolved Oxygen | 0 | 50 | 100 | 0 | |
| Fecal Coliform | 0 | 50 | 100 | 0 | |
| Nutrients | 0 | 25 | 50 | 0 | |
| Toxics | 0 | 25 | 50 | 0 | |
| | | | | Subtotal | 0 |
| | | | | State Planning Commission | 0 |
| | | | | Population | 0.01065 |
| | | | | BDA Points | 0 |
| | | | | Transit Villages | 0 |
| | | | | TOTAL POINTS | 225.01065 |

Project Name, Number

Ventnor City
S340667-02
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.01065 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.01065 |

Project Name, Number

Ventnor City
S340667-03
Non-Point Source (NPS) Pollution Controls

Priority List Rank

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 | | |
| Project No.: | S340667-02-1 | Eligible Project Cost: | \$5,000,000 |
| FY16 Rank: | 751 | | |
| County: | Atlantic | Total State Amount: | \$5,000,000 |

| | | | | | |
|---|-----------------|----------------------------|-------------------------|---------------------------|-----------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | | |
| | | 0-200 | 0 | | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | | |
| CSO/SSO | | 600 | 0 | | |
| Treatment Plant Improvements | | 500 | 0 | | |
| SS Rehabilitation | | 450 | 0 | | |
| Sludge Disposal/Treatment | | 350 | 0 | | |
| WW Reuse | | 300 | 0 | | |
| Septic Repair | | 275 | 0 | | |
| New Systems | | 250 | 0 | | |
| Stormwater/NPS Management | | 225 | 225 | | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | | |
| Landfill Constr, Site Remediation | | 75 | 0 | | |
| Conduit Projects | | 50 | 0 | | |
| Barnegat Bay Benefit | | 300 | 0 | | |
| Green Infrastructure | | 50 | 0 | | |
| | | Subtotal | 225 | | |
| III. WATER USE/WATER QUALITY POINTS | | | | | |
| A. Water Use | | Possible Points | Points Scored | | |
| Potable Water Supply | | 200 | 0 | | |
| Shellfish | | 125 | 0 | | |
| Recreation(Primary Contact) | | 125 | 0 | | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | | |
| Agriculture Water Use | | 25 | 0 | | |
| Industrial Water Use | | 25 | 0 | | |
| | | Subtotal | 0 | | |
| B. Existing Water Quality | | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored | |
| Dissolved Oxygen | 0 | 50 | 100 | 0 | |
| Fecal Coliform | 0 | 50 | 100 | 0 | |
| Nutrients | 0 | 25 | 50 | 0 | |
| Toxics | 0 | 25 | 50 | 0 | |
| | | | | Subtotal | 0 |
| | | | | State Planning Commission | 0 |
| | | | | Population | 0.01065 |
| | | | | BDA Points | 0 |
| | | | | Transit Villages | 0 |
| | | | | TOTAL POINTS | 225.01065 |

Project Name, Number

Ventnor City
S340667-02-1
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.010105 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.010105 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.00945 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 225.00945 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00945 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.00945 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.009449 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.009449 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00897 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.00897 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.0087 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 225.0087 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.0087 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 225.0087 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.008388 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.008388 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.008347 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 225.008347 |

Project Name, Number

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 Town's existing storm sewer system is undersized resulting in flooding and the discharge of debris to the Rockaway River.

Project Description

The proposed project is to improve stormwater collection on Wotton Oak and Hillside streets. Stormwater from these areas would then be piped to the existing system on Hillside. Improvements would include inlets subdrains stormwater piping curbing and roadway reconstruction.

| | | | |
|------------------------|----------------|------------------------|-----------|
| Anticipated Recipient: | Bogota Borough | | |
| Project No.: | S340914-02 | Eligible Project Cost: | \$430,399 |
| FY16 Rank: | 764 | | |
| County: | Bergen | Total State Amount: | \$430,399 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00802 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.00802 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00802 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.00802 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.0079 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.0079 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.007644 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.007644 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.007586 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.007586 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.007217 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.007217 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.007172 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.007172 |

Project Name, Number

Linwood City
S340217-01
Stormwater Management

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.006097 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.006097 |

Project Name, Number

Paulsboro Borough
S340164-01
Stormwater Management

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 | | |
| Project No.: | S340209-03 | Eligible Project Cost: | \$94,425 |
| FY16 Rank: | 773 | | |
| County: | Monmouth | Total State Amount: | \$94,425 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.006045 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 225.006045 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.005672 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.005672 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 | | |
| Project No.: | S340790-03 | Eligible Project Cost: | \$1,317,721 |
| FY16 Rank: | 776 | | |
| County: | Camden | Total State Amount: | \$1,317,721 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.005466 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.005466 |

Project Name, Number

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 |

| | | | | | |
|---|-----------------|----------------------------|-------------------------|---------------------------|-----------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | | |
| | | 0-200 | 0 | | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | | |
| CSO/SSO | | 600 | 0 | | |
| Treatment Plant Improvements | | 500 | 0 | | |
| SS Rehabilitation | | 450 | 0 | | |
| Sludge Disposal/Treatment | | 350 | 0 | | |
| WW Reuse | | 300 | 0 | | |
| Septic Repair | | 275 | 0 | | |
| New Systems | | 250 | 0 | | |
| Stormwater/NPS Management | | 225 | 225 | | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | | |
| Landfill Constr, Site Remediation | | 75 | 0 | | |
| Conduit Projects | | 50 | 0 | | |
| Barnegat Bay Benefit | | 300 | 0 | | |
| Green Infrastructure | | 50 | 0 | | |
| | | Subtotal | 225 | | |
| III. WATER USE/WATER QUALITY POINTS | | | | | |
| A. Water Use | | Possible Points | Points Scored | | |
| Potable Water Supply | | 200 | 0 | | |
| Shellfish | | 125 | 0 | | |
| Recreation(Primary Contact) | | 125 | 0 | | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | | |
| Agriculture Water Use | | 25 | 0 | | |
| Industrial Water Use | | 25 | 0 | | |
| | | Subtotal | 0 | | |
| B. Existing Water Quality | | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored | |
| Dissolved Oxygen | 0 | 50 | 100 | 0 | |
| Fecal Coliform | 0 | 50 | 100 | 0 | |
| Nutrients | 0 | 25 | 50 | 0 | |
| Toxics | 0 | 25 | 50 | 0 | |
| | | | | Subtotal | 0 |
| | | | | State Planning Commission | 0 |
| | | | | Population | 0.00544 |
| | | | | BDA Points | 0 |
| | | | | Transit Villages | 0 |
| | | | | TOTAL POINTS | 225.00544 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.005322 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.005322 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.005005 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.005005 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.005005 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.005005 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well 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

| <u>A. Water Use</u> | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00489 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.00489 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00489 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.00489 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00485 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.00485 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.004663 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.004663 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.004545 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.004545 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.004404 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.004404 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.004394 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 225.004394 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.004298 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.004298 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.004173 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.004173 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00382 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.00382 |

Project Name, Number

Bethlehem Township
S340210-01
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00382 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.00382 |

Project Name, Number

Bethlehem Township
S340210-02
Stormwater Management

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.003776 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.003776 |

Project Name, Number

High Bridge Borough
S340842-03
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.003776 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.003776 |

Project Name, Number

High Bridge Borough
S340842-02
Non-Point Source (NPS) Pollution Controls

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.0037 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 225.0037 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.003105 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.003105 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.002841 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.002841 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.002665 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.002665 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.002498 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.002498 |

Project Name, Number

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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 0 | |
| Stormwater/NPS Management | | 225 | 225 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 225 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.002493 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.002493 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00235 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.00235 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00195 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.00195 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.0019 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 225.0019 |

Project Name, Number

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 mangement plan will target stormwater runoff quality.

Project Description

The proposed project for purchase of maintenance equipment includes a street sweeper and a combination sewer machine to clean and maintain the stormwater collection system.

| | | | |
|------------------------|------------------|------------------------|-------------|
| Anticipated Recipient: | Sea Girt Borough | | |
| Project No.: | S340468-01 | Eligible Project Cost: | \$4,823,809 |
| FY16 Rank: | 804 | | |
| County: | Monmouth | Total State Amount: | \$4,823,809 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well 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 | | | | 0.001828 |
| 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 |

| | | | | | |
|---|-----------------|----------------------------|-------------------------|---------------------------|------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | | |
| | | 0-200 | 0 | | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | | |
| CSO/SSO | | 600 | 0 | | |
| Treatment Plant Improvements | | 500 | 0 | | |
| SS Rehabilitation | | 450 | 0 | | |
| Sludge Disposal/Treatment | | 350 | 0 | | |
| WW Reuse | | 300 | 0 | | |
| Septic Repair | | 275 | 0 | | |
| New Systems | | 250 | 0 | | |
| Stormwater/NPS Management | | 225 | 225 | | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | | |
| Landfill Constr, Site Remediation | | 75 | 0 | | |
| Conduit Projects | | 50 | 0 | | |
| Barnegat Bay Benefit | | 300 | 0 | | |
| Green Infrastructure | | 50 | 0 | | |
| | | Subtotal | 225 | | |
| III. WATER USE/WATER QUALITY POINTS | | | | | |
| A. Water Use | | Possible Points | Points Scored | | |
| Potable Water Supply | | 200 | 0 | | |
| Shellfish | | 125 | 0 | | |
| Recreation(Primary Contact) | | 125 | 0 | | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | | |
| Agriculture Water Use | | 25 | 0 | | |
| Industrial Water Use | | 25 | 0 | | |
| | | Subtotal | 0 | | |
| B. Existing Water Quality | | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored | |
| Dissolved Oxygen | 0 | 50 | 100 | 0 | |
| Fecal Coliform | 0 | 50 | 100 | 0 | |
| Nutrients | 0 | 25 | 50 | 0 | |
| Toxics | 0 | 25 | 50 | 0 | |
| | | | | Subtotal | 0 |
| | | | | State Planning Commission | 0 |
| | | | | Population | 0.001818 |
| | | | | BDA Points | 0 |
| | | | | Transit Villages | 0 |
| | | | | TOTAL POINTS | 225.001818 |

Project Name, Number

Sea Bright Borough
S340077-01
Stormwater Management

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.001401 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 225.001401 |

Project Name, Number

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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 0 | |
| Stormwater/NPS Management | | 225 | 225 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 225 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.001334 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.001334 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 225 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 225 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 1.8E-5 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 225.000018 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 200 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.750162 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 200.750162 |

Project Name, Number

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 | | |
| Project No.: | S340815-15 | Eligible Project Cost: | \$16,123,721 |
| FY16 Rank: | 811 | | |
| County: | Essex | Total State Amount: | \$16,123,721 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 100 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.27714 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 200.27714 |

Project Name, Number

Newark City
S340815-15
Non-Point Source (NPS) Pollution Controls

Priority List Rank

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 | | |
| Project No.: | S340815-23 | Eligible Project Cost: | \$27,315,736 |
| FY16 Rank: | 811 | | |
| County: | Essex | Total State Amount: | \$27,315,736 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 100 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.27714 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 200.27714 |

Project Name, Number

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 consists of remediation requirements included in an approved Remedial Action Work Plan as well as additional environmental and clean water improvements necessary as part of the overall redevelopment. The project consists of a 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 | | |
| Project No.: | S343069-01 | Eligible Project Cost: | \$13,000,360 |
| FY16 Rank: | 813 | | |
| County: | Hudson | Total State Amount: | \$13,000,360 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.240055 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 200.240055 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 200 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.097265 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 200.097265 |

Project Name, Number

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 | | |
| Project No.: | S340366-05 | Eligible Project Cost: | \$6,614,815 |
| FY16 Rank: | 815 | | |
| County: | Camden | Total State Amount: | \$6,614,815 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.079904 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 200.079904 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| 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

| <u>A. Water Use</u> | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 25 |
| Population | | | | 0.013198 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 175.013198 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 25 |
| Population | | | | 0.00398 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 175.00398 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.076119 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 165.076119 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.00757 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 165.00757 |

Project Name, Number

Buena Vista Township
S342023-01
Landfill Closure

Priority List Rank

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 Protections (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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 50 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.247597 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 10 |
| TOTAL POINTS | | | | 160.247597 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 50 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.247597 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 10 |
| TOTAL POINTS | | | | 160.247597 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 50 |
| Subtotal | | 100 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.038577 |
| BDA Points | | | | 10 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 160.038577 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| 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

| <u>A. Water Use</u> | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| 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 | | | | 2 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 152 |

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| 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 | | | | 2 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 152 |

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.350761 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.350761 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.275 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.275 |

Project Name, Number

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 rehabilitaion of six leachate lift stations and the replacement of approximately 1300 feet of single wall leachate force main with double wall pipe. Included will be new pumps electrical instrumentation and other appurtenances.

| | | | |
|------------------------|---|------------------------|-------------|
| Anticipated Recipient: | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.254 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.254 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.25 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 150.25 |

Project Name, Number

Atlantic County Utilities Authority
S342001-02
Landfill Closure

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.22221 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.22221 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.149265 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.149265 |

Project Name, Number

Sussex County Municipal Utilities Authority
S342008-04
Sanitary Sewer System - New

Priority List Rank

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 Wallkill WPCF

Project Description

This project includes a pumping station and force main to convey landfill leachate to the Upper Wallkill Water Pollution Control Facility (WPCF) rather than continuing the practice of trucking leachate for treatment and disposal. Currently, leachate generated from the landfill is collected and stored at the SCMUA Solid Waste Facility in a 1.1 million gallon tank. The leachate is then hauled by SCMUA via tanker truck approximately 6 miles to its Upper Wallkill WPCF in Hardyston, New Jersey, for treatment. The current leachate treatment and disposal scheme is regulated by the New Jersey Department of Environmental Protection (NJDEP) under NJPDES/SIU Permit No. NJ0103811, which provides for the disposal of 35,000 gallons per day (annual average) of leachate at the SCMUAs Upper Wallkill 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.130943 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.130943 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.102437 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 150.102437 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.099967 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.099967 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| Possible Points | Points Scored |
|-----------------|---------------|
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| 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

| <u>A. Water Use</u> | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 Avenue Martins 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.087109 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.087109 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.066473 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.066473 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.060456 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.060456 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.053797 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.053797 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| 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 | | | | 0.048903 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.047829 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 150.047829 |

Project Name, Number

Plainfield City
S340240-04
Well Sealing

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.047114 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.047114 |

Project Name, Number

Washington Township
S343044-01
Open Space Land Acquisition and Conservation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.04278 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.04278 |

Project Name, Number

Franklin Township
S343017-01
Open Space Land Acquisition and Conservation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.042275 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.042275 |

Project Name, Number

Evesham Township
S343023-02
Open Space Land Acquisition and Conservation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.040377 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.040377 |

Project Name, Number

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 ownerdeveloper of a currently vacant property has proposed building 207 single-family homes as well as some warehousing. Development of this tract would have adverse impacts on the stormwater management in the Borough and on the Raritan River and Raritan Bay. Preservation and conservation of land is important to help protect and maintain water quality in the project area. In general the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project is for the purchase of a parcel of land within the Borough to preserve open space and to protect water quality.

| | | | |
|------------------------|-----------------|------------------------|-------------|
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.038987 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.038987 |

Project Name, Number

Howell Township
S343011-01
Open Space Land Acquisition and Conservation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.037049 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.037049 |

Project Name, Number

Hackensack City
S343024-01
Open Space Land Acquisition and Conservation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.036398 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.036398 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.035309 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.035309 |

Project Name, Number

Evesham Township
S342003-01
Landfill Closure

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.033423 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.033423 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.03027 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.03027 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.02471 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.02471 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.021907 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.021907 |

Project Name, Number

West Windsor Township
S343005-02
Open Space Land Acquisition and Conservation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.020294 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.020294 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.019974 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.019974 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.019952 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.019952 |

Project Name, Number

Morris Township
S343022-01
Open Space Land Acquisition and Conservation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.018177 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.018177 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.015803 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.015803 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.012957 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.012957 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.012898 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.012898 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.012594 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.012594 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.012466 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.012466 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.01026 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.01026 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.009612 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.009612 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.009449 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.009449 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.009361 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.009361 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.008521 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.008521 |

Project Name, Number

Florham Park Borough
S343001-01
Open Space Land Acquisition and Conservation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.00838 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.00838 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.008254 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.008254 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.007864 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.007864 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.007 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.007 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.006699 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.006699 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.006653 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.006653 |

Project Name, Number

Mansfield Township
S343040-01
Open Space Land Acquisition and Conservation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.006005 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.006005 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.005699 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.005699 |

Project Name, Number

Fairfield Township
S342004-01
Landfill Closure

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.005314 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.005314 |

Project Name, Number

Point Pleasant Beach Borough
S343073-01
Open Space Land Acquisition and Conservation

Priority List Rank

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.004962 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.004962 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.004537 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.004537 |

Project Name, Number

Mendham Township
S343031-01
Open Space Land Acquisition and Conservation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.004455 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.004455 |

Project Name, Number

East Amwell Township
S343062-01
Open Space Land Acquisition and Conservation

Priority List Rank

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 | | |
| Project No.: | S343045-01 | Eligible Project Cost: | \$5,308,104 |
| FY16 Rank: | 887 | | |
| County: | Cape May | Total State Amount: | \$5,308,104 |

| | | | | | |
|---|-----------------|----------------------------|-------------------------|---------------------------|------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | | |
| | | 0-200 | 0 | | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | | |
| CSO/SSO | | 600 | 0 | | |
| Treatment Plant Improvements | | 500 | 0 | | |
| SS Rehabilitation | | 450 | 0 | | |
| Sludge Disposal/Treatment | | 350 | 0 | | |
| WW Reuse | | 300 | 0 | | |
| Septic Repair | | 275 | 0 | | |
| New Systems | | 250 | 0 | | |
| Stormwater/NPS Management | | 225 | 0 | | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 150 | | |
| Landfill Constr, Site Remediation | | 75 | 0 | | |
| Conduit Projects | | 50 | 0 | | |
| Barnegat Bay Benefit | | 300 | 0 | | |
| Green Infrastructure | | 50 | 0 | | |
| | | Subtotal | 150 | | |
| III. WATER USE/WATER QUALITY POINTS | | | | | |
| A. Water Use | | Possible Points | Points Scored | | |
| Potable Water Supply | | 200 | 0 | | |
| Shellfish | | 125 | 0 | | |
| Recreation(Primary Contact) | | 125 | 0 | | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | | |
| Agriculture Water Use | | 25 | 0 | | |
| Industrial Water Use | | 25 | 0 | | |
| | | Subtotal | 0 | | |
| B. Existing Water Quality | | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored | |
| Dissolved Oxygen | 0 | 50 | 100 | 0 | |
| Fecal Coliform | 0 | 50 | 100 | 0 | |
| Nutrients | 0 | 25 | 50 | 0 | |
| Toxics | 0 | 25 | 50 | 0 | |
| | | | | Subtotal | 0 |
| | | | | State Planning Commission | 0 |
| | | | | Population | 0.004034 |
| | | | | BDA Points | 0 |
| | | | | Transit Villages | 0 |
| | | | | TOTAL POINTS | 150.004034 |

Project Name, Number

Cape May City
S343045-01
Open Space Land Acquisition and Conservation

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.003776 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.003776 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 150 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 150 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.003679 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 150.003679 |

Project Name, Number

Mine Hill Township
S343053-01
Open Space Land Acquisition and Conservation

Priority List Rank

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|-----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| 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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 0 | |
| Stormwater/NPS Management | | 225 | 0 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 150 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 150 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | Subtotal | | 0 |
| | | State Planning Commission | | 0 |
| | | Population | | 0.001404 |
| | | BDA Points | | 0 |
| | | Transit Villages | | 0 |
| | | TOTAL POINTS | | 150.001404 |

Project Name, Number

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 | | |
| Project No.: | S340416-13 | Eligible Project Cost: | \$10,091,960 |
| FY16 Rank: | 893 | | |
| County: | Mercer | Total State Amount: | \$10,091,960 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 75 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 75 |

III. WATER USE/WATER QUALITY POINTS

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | Possible Points | Points Scored |
|--|-----------------|---------------|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 75 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 75 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | Possible Points | Points Scored |
|---------------------------------------|-----------------|---------------|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 50 |
| | | | Population | 0.079904 |
| | | | BDA Points | 10 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 135.079904 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 75 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 75 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.061842 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 125.061842 |

Project Name, Number

Bayonne Local Redevelopment Authority
S340051-05
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 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 75 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 75 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.061842 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 125.061842 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 75 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 75 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.061842 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 125.061842 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 75 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 75 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.040684 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 125.040684 |

Project Name, Number

Kearny Town
S340259-13
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 75 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 75 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.040684 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 125.040684 |

Project Name, Number

Kearny Town
S340259-12
Remedial Action/Contaminated Site Cleanups (Brownfields)

Priority List Rank

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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 0 | |
| Stormwater/NPS Management | | 225 | 0 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 0 | |
| Conduit Projects | | 50 | 50 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 50 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | Subtotal | | 0 |
| | | State Planning Commission | | 50 |
| | | Population | | 0.120568 |
| | | BDA Points | | 0 |
| | | Transit Villages | | 0 |
| | | TOTAL POINTS | | 100.120568 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 50 |
| | | | Population | 0.120568 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 100.120568 |

Project Name, Number

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 | | |
| Project No.: | S340087-01 | Eligible Project Cost: | \$2,844,687 |
| FY16 Rank: | 902 | | |
| County: | Mercer | Total State Amount: | \$2,844,687 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.085403 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 100.085403 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.079904 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 100.079904 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.079904 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 100.079904 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.058092 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 100.058092 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.058092 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 100.058092 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.048573 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 100.048573 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.016116 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 100.016116 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.014424 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 100.014424 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 50 |
| Population | | | | 0.011 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 100.011 |

Project Name, Number

Union County Improvement Authority
S340124-01
Non-Point Source (NPS) Pollution Controls

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 75 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 75 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.660083 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 75.660083 |

Project Name, Number

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 | | |
| Project No.: | S340107-01 | Eligible Project Cost: | \$13,000,360 |
| FY16 Rank: | 913 | | |
| County: | Morris | Total State Amount: | \$13,000,360 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 75 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 75 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.470212 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 75.470212 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 75 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 75 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.288288 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 75.288288 |

Project Name, Number

Gloucester County Improvement Authority
S342024-01
Landfill Construction

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|----------|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 75 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 75 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|----------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.275 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 75.275 |

Project Name, Number

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|----------|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 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
S342015-02
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 75 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 75 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.146265 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 75.146265 |

Project Name, Number

Sussex County Municipal Utilities Authority
S342008-05
Landfill Construction

Priority List Rank

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 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

| | | |
|---------------------------------------|-----------------|---------------|
| <u>A. Water Use</u> | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| 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 - WildwoodLower Region and CMCMUA - Seven MileMiddle Region

Need for Project

This project will reduce green house gas emissions in several manners This project fueled by scrubbed landfill gas will destroy methane produced by the landfill. The generator fuel will be scrubbed of sulfur compounds siloxane compounds particulate matter and moisture thereby reducing these constituents to de minimis amounts. By generating two (2) megawatts of electricity the CMCMUA is supplying the need for two (2) megawatts of electricity that would otherwise be generated by fossil fueled plants. This project will result in benefits other than direct reductions of greenhouse gas emissions The engines will reduce atmospheric discharge by over 61000 metric tons of CO2 equivalents. Two (2) less megawatts of power will be necessary for other plants to generate. Sulfur compounds siloxane compounds and particulate matter will be also reduced from landfill emissions. Jobs are always maintained or created by construction expenditures. This project also provides added benefits As this project will not be eligible for net metering andor net metering criteria projects no other funding is currently available. This project can be easily replicated. We have had many visitors to our site to see how we have constructed our first electrical generating plant for their own plans for construction. All gas is metered and tested which will result in measurable data. The project is not only ready to proceed but has already completed the required feasibility studies by PJM and ACE. The CMCMUA has the experience and the capacity to complete this project as we have already constructed a three (3) engine 450 kw electrical generating plant which has been in operation since March 2007.

Project Description

This project will be to construct a two (2) megawatt generating plant at the Cape May County Municipal Utilities Authoritys (CMCMUA) Landfill and Recycling Complex. Landfill gas a renewable energy will be used as fuel for the engines. Since the landfill site is already generating enough electricity to be self sufficient there is no need for net metering and this additional generation will be sold back to the grid.

| | | | |
|------------------------|---|------------------------|-------------|
| Anticipated Recipient: | 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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 75 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 75 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.047303 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 75.047303 |

Project Name, Number

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 |

| | | | | |
|---|-----------------|----------------------------|-------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | Possible Points | Points Scored | |
| | | 0-200 | 0 | |
| II. PROJECT DISCHARGE TYPE | | Possible Points | Points Scored | |
| CSO/SSO | | 600 | 0 | |
| Treatment Plant Improvements | | 500 | 0 | |
| SS Rehabilitation | | 450 | 0 | |
| Sludge Disposal/Treatment | | 350 | 0 | |
| WW Reuse | | 300 | 0 | |
| Septic Repair | | 275 | 0 | |
| New Systems | | 250 | 0 | |
| Stormwater/NPS Management | | 225 | 0 | |
| Landfill Closure, Land Acq, Well Sealing | | 150 | 0 | |
| Landfill Constr, Site Remediation | | 75 | 75 | |
| Conduit Projects | | 50 | 0 | |
| Barnegat Bay Benefit | | 300 | 0 | |
| Green Infrastructure | | 50 | 0 | |
| | | Subtotal | 75 | |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | Possible Points | Points Scored | |
| Potable Water Supply | | 200 | 0 | |
| Shellfish | | 125 | 0 | |
| Recreation(Primary Contact) | | 125 | 0 | |
| Freshwater Fisheries(Trout/NonTrout) | | 75/25 | 0/0 | |
| Public Nuisance(On Site Systems Only) | | 50 | 0 | |
| Agriculture Water Use | | 25 | 0 | |
| Industrial Water Use | | 25 | 0 | |
| | | Subtotal | 0 | |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.030134 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 75.030134 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 75 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 75 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.029159 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 75.029159 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 75 |
| Conduit Projects | 50 | 0 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 75 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.004455 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 75.004455 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.006893 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 65.006893 |

Project Name, Number

Milltown Borough
S340102-01
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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 15 |
| Population | | | | 0.006893 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 65.006893 |

Project Name, Number

Milltown Borough
S340102-04
Decentralized Wastewater (or Septic) System Repair/Replacement

Priority List Rank

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.035737 |
| BDA Points | | | | 10 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 60.035737 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.016964 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 10 |
| TOTAL POINTS | | | | 60.016964 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.097203 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 50.097203 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.047303 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 50.047303 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.042677 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 50.042677 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.040377 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 50.040377 |

Project Name, Number

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 effect ground and surface waters.

| | | | |
|------------------------|-------------|------------------------|-------------|
| Anticipated Recipient: | Linden City | | |
| Project No.: | S340679-02 | Eligible Project Cost: | \$5,882,578 |
| FY16 Rank: | 934 | | |
| County: | Union | Total State Amount: | \$5,882,578 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | | |
|--|-----------------|---------------|
| | Possible Points | Points Scored |
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| | Subtotal | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | | |
|---------------------------------------|-----------------|---------------|
| | Possible Points | Points Scored |
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| | Subtotal | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|------------------|-----------------|----------------------------|---------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.039394 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 50.039394 |

Project Name, Number

Linden City
S340679-02
Stormwater Management

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 |

| | | | | |
|---|-----------------|----------------------------|---------------------------|---------------|
| I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES | | | Possible Points | Points Scored |
| | | | 0-200 | 0 |
| II. PROJECT DISCHARGE TYPE | | | Possible Points | Points Scored |
| CSO/SSO | | | 600 | 0 |
| Treatment Plant Improvements | | | 500 | 0 |
| SS Rehabilitation | | | 450 | 0 |
| Sludge Disposal/Treatment | | | 350 | 0 |
| WW Reuse | | | 300 | 0 |
| Septic Repair | | | 275 | 0 |
| New Systems | | | 250 | 0 |
| Stormwater/NPS Management | | | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | | | 150 | 0 |
| Landfill Constr, Site Remediation | | | 75 | 0 |
| Conduit Projects | | | 50 | 50 |
| Barnegat Bay Benefit | | | 300 | 0 |
| Green Infrastructure | | | 50 | 0 |
| | | | Subtotal | 50 |
| III. WATER USE/WATER QUALITY POINTS | | | | |
| A. Water Use | | | Possible Points | Points Scored |
| Potable Water Supply | | | 200 | 0 |
| Shellfish | | | 125 | 0 |
| Recreation(Primary Contact) | | | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | | | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | | | 50 | 0 |
| Agriculture Water Use | | | 25 | 0 |
| Industrial Water Use | | | 25 | 0 |
| | | | Subtotal | 0 |
| B. Existing Water Quality | | | | |
| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| | | | Subtotal | 0 |
| | | | State Planning Commission | 0 |
| | | | Population | 0.035928 |
| | | | BDA Points | 0 |
| | | | Transit Villages | 0 |
| | | | TOTAL POINTS | 50.035928 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.022732 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 50.022732 |

Project Name, Number

Union County Improvement Authority
S340113-01
Stormwater Management

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 | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 0.012423 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 50.012423 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 1.8E-5 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 50.000018 |

Project Name, Number

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 |

I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
| 0-200 | 0 |

II. PROJECT DISCHARGE TYPE

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|--|-----|----|
| CSO/SSO | 600 | 0 |
| Treatment Plant Improvements | 500 | 0 |
| SS Rehabilitation | 450 | 0 |
| Sludge Disposal/Treatment | 350 | 0 |
| WW Reuse | 300 | 0 |
| Septic Repair | 275 | 0 |
| New Systems | 250 | 0 |
| Stormwater/NPS Management | 225 | 0 |
| Landfill Closure, Land Acq, Well Sealing | 150 | 0 |
| Landfill Constr, Site Remediation | 75 | 0 |
| Conduit Projects | 50 | 50 |
| Barnegat Bay Benefit | 300 | 0 |
| Green Infrastructure | 50 | 0 |
| Subtotal | | 50 |

III. WATER USE/WATER QUALITY POINTS

A. Water Use

| | |
|-----------------|---------------|
| Possible Points | Points Scored |
|-----------------|---------------|

| | | |
|---------------------------------------|-------|-----|
| Potable Water Supply | 200 | 0 |
| Shellfish | 125 | 0 |
| Recreation(Primary Contact) | 125 | 0 |
| Freshwater Fisheries(Trout/NonTrout) | 75/25 | 0/0 |
| Public Nuisance(On Site Systems Only) | 50 | 0 |
| Agriculture Water Use | 25 | 0 |
| Industrial Water Use | 25 | 0 |
| Subtotal | | 0 |

B. Existing Water Quality

| Parameter | Meets Standards | Marginally Meets Standards | Does Not Meet Standards | Points Scored |
|---------------------------|-----------------|----------------------------|-------------------------|---------------|
| Dissolved Oxygen | 0 | 50 | 100 | 0 |
| Fecal Coliform | 0 | 50 | 100 | 0 |
| Nutrients | 0 | 25 | 50 | 0 |
| Toxics | 0 | 25 | 50 | 0 |
| Subtotal | | | | 0 |
| State Planning Commission | | | | 0 |
| Population | | | | 1.8E-5 |
| BDA Points | | | | 0 |
| Transit Villages | | | | 0 |
| TOTAL POINTS | | | | 50.000018 |

Project Name, Number

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.